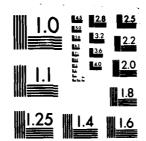
AD-A175 365 1/4 UNCLASSIFIED



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USAFE TAC/DS-86/064

2 4 WW 1986

AD-A175 365

OPERATING LOCATION - A USAFETAC

Air Weather Service (MAC)



REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

NELLIS AFB NV MSC #723865 ELEV 1869 FT N 36 14 W 115 02 KLSV

HOURS SUMMARIZED: 0000 - 2300 LST

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 76 - AUG 86

SUMMARY OF DAY DATA: MAR 42 - SEP 44, JAN 49 - AUG 86

TIME CONVERSION GMT TO LST -8

2 0 NOV 1986

"Approved for public release; FEDERAL BUILDING Distribution Unlimited."

ASHEVILLE, N.C. 28801 - 2723



88

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-86/064 has been reviewed and is approved for publication.

FOR THE COMMANDER

WALTER S. BURGMANN
Scientific and Technical Information Officer
(STINFO)

REPORT DOCUMENTATION PAGE

- 1a. Report Security Classification: UNCLASSIFIED
- 3. Distribution/Availability of Report: Approved for public release; Distribution unlimited.
- 4. Performing Organization Report Number: USAFETAC/DS-86/064.
- 5. Monitoring Organization Report Number: USAFETAC/DS-86/064.
- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
- 11 Title: (RUSSWO) Nellis AFB NV
- 12 Personal Author(s):
- 13a Type of Report: Data Summary
- 13b Time Covered: Mar 42-Aug 86.
- 14 Date of Report: Nov 86
- 15 Page Count: 312
- 16 Supplementary Notation:
- 17 COSATI Codes: Field--04, Group--02
- 18 <u>Subject Terms:</u> *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Nellis AFB NV; Nevada; USNV723865.
- A six-part statistical data summary of surface weather observations for: Nellis AFB NV. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
- 20 <u>Distribution/Availability of Abstract:</u> Same as report.
- 21 Abstract Security Classification: UNCLASSIFIED.
- 22a Name of Responsible Individual: Marianne L. Cavanaugh
- **22b Telephone:** (618)256-2625
- 22c Office Symbol: USAFETAC/LDD

DD FORM 1473

UNCLASSIFIED

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.



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Aich is NTLU PT is so Us U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or precord-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Naily observations are solected from all data recorded on reporting forms and combined into Summary of the Day observations. (Gelected from record-spucial, local, swampy of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Voicora Summary of Surface Veather Observations and the summer of prescutation. Tabulations are prepared from hourly and daily observations remarked by stations operated by the U. S. Services and same furnish stations unline stations unline stations unline stations unline stations.

Oulees otherwise nated the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PARTS PRECIPITATION

SHOWFALL

SHOW DEPTH .

PARTO SURFACE WINDS

PART D. CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC. DRY VS WET BULB

MEAN & STO DEV .

IDEY BULB, WET BULB, & DEW POINT

SELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3. HOUR GROUPS

All summaries requiring diarnel variations are summarised in eight 3-hour periods corresponding to the following sets of hourly observations: 0.00-0.00, 0.00-0.00, 0.00-1100, 1200-1100, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summery nheets are untited when stations maintaining limited observing schedules did not report certain three-bour periods for any particular month during the available period of record. Huch missing sheets are listed below, and are applicable to all summaries prepared from howely observations.

, MANUARY	AINIL	JULY	OUTOURX
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7238	io. on summary 65	STATION NAME NELLIS AFB NEVADA		N 36	;	ONGITUDE V 115 02	1869	· · }	SV	WMO NU
		STATION LOCATION	ON A	ND IN	ISTRU	MENT	TATION	HIST	ORY	L
NUMBER		GEOGRAPHICAL LOCATION & NAME	TYPE	AT THIS 1	OCATION	LATITUDE	LONGITUDE	ELEVATIO	N ABOVE MSL	
LOCATION		eroaus more forming a same	STATION	FROM	TO			FIELD (FT)	HT, BARD.	<u>]</u>
1	Ias Veg	as AAF Nevada	AAF	Mar 42	Sep 44	N 36 15	W 115 02	1866	1869	
2	I as Veg	as AFB Nevada		Jan 49	May 50	Same	Saume	Same	1892	1
3	Nellis	AFB Nevada	~~~~	Jun 50	Feb 53	Same	Same	Same	1867	1
4	Same			Mar 53	Feb 57	Same	Same	Same	1881	1
5	Same			Mar 57	Oct 63	Same	Same	Same	Same	1
6	Same		1	Nov 63	Dec 72	Same N 36 14	Same	1868	Same	1
7	Same		1	Dec 72 Dec 80	Dec 80 Aug 81	Same	Same Same	1869	Same Same	ì
8	Same			Aug 81	Jan 84	Same	Same	Same	1882	i
9	Same		, ,	Feb 84	Aug 86	Same	Same	Same	L882	1
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NUMBER	DATE	SURFACE WIND	FGILIPMENT	MEGRMATION			1			
OF	OF			TYPE OF	TYPE OF	HT ABOVE	REMARKS. AL	DDITIONAL EQUI	MENT, OR RE	ASON FOR
LOCATION	CHANGE	LOCATION		TRANSMITT			<u> </u>			
1	Mar 42to	Located on temporary Base	opera-	Selsyn	ML-144	N/A				
	Feb 43	tions Bldg.			}	1]			
2	Mar 43to		nain	Same	Same	N/A	1			
	Apr 44	Hangar.				1,7,75	ł			
3	May 44to		rations	Same	Same	N/A	- {			
	Ser 44	Bldg.	hha Ma-	ANI (C)40	-1 MI-204	30 ft	.			
4	Jan 49to		rue wea-	AN/ GMQ	(Wnd I		1			
5	Feb 54 Mar 54to	ther Station. Located 30 ft W of Weather	or stati	on Same		20 ft	. [
2	Mar 54to	on top of small Bldg.	ar arari	Sering	Saure	20 11	. 1			
6	Apr 55to	, -	r=805.	Same	Same	36 £t	. 1			
· •	Feb 59	beated on root of Bidg.	1-003.	Souther	Same	""	- 1			
	Lero 22			J.	J	1	1			

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE COSCLETE.

CONTINUED ON REVERSE SIDE

MBER	DATE	SURFACE WIND EQUIPMENT INF	ORMATION		7	
OF CATION	OF	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
7	Mar 59to May 60	Same	Same	Same	30 ft	
8	Jun 60to	Located parallel to Rnwy 02/20 at the S end.	AN/GMQ-1	1 RO-2	Surface	
9	Feb 66to Sep 66	Located parallel to Rnwy 02/20 at the N end.	Same	Same	Same	
10	Oct 66to Nov 66	 Located parallel to Rnwy 02 at S end, 2500 ft from S end of Rnwy Complex. Located parallel to Rnwy 20 at N end, 1300 ft from N end of Rnwy Complex. 	Same	Same	Same	
11	Dec 66to	1. Rnwy 03 Same as above.	Same	Same	Same	
,,]	Feb 69	2. Rnwy 21 Same as above.	Same	_	Same	
12	Mar 69to Jun 70	line of Rnwy 03R, 2500 ft from the end.	Same	Same	10 ft	
		 Located 500 ft from center- line of Rnwy 21L, 1450 ft from the end. 	Same		13 ft	
13	Jul 70to	1. Same	AN/GMQ-20	RO-362	10 ft	
	Dec 72	 Located 375 ft from center- line of Rnwy 21L, 1450 ft from the end. 	Same		13 ft	
14	Dec 72to	1. Same	Same	Same	Same	
	Aug 81	 Located 500 ft from center- line of Rnwy 21L, 1450 ft from end. 	Same		Same	,
15	Aug 81 to	Same	Same	Same	Same	
	Jan 84					

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By mouth, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less then .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, end waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - i

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY SRANCH USAFETAC 2 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723865

NELLIS AFB NV

77-86

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-- STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DBSERVATIONS

HTMOM	HOURS LST:	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIF	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAINS	A OF OBS WITH OBST TO VIS JA	10*AL NO OF OBJ
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	36-08		4 - 1	i	•6		4.7	1.3	. 4			1.3	- 3
	39-11		3.8		•6		4.4	1.7	٤.			1.7	23
	12-14		2 • 4		• b		3	• 6				• =	23-
•	15-17		4.1		•4		4.5	• 5				•5	→ 3]
··· · · · ·	13-20		3.1		• 4		3.5	• 1				• 1	. 3
	21-23		3.4		د ۰ ۵		3.8			,			°3"
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SLOBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

WEATHER CONDITIONS

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NELLIS AFB NV

77-86

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS LST	THUNDER- STORMS	RAIN AND OR CRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	SNOM:	DUST AND CP SAND	3 OF OBS WITH TAST TO MISON	TOTAL NO OF OBS
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	39-11		2.6		• 4	_	3 • ὐ	1.2			• 1	1.5	345
	12-14	• 2	3.5				3 • u	. 4			• 4	• 7	345
	15+17	•1	z • 0		• 2		2 • 2	. 8			. 4	1.2	546
	18-20		3.0		• 2		3 • 2	• 6			• 2	• .	845
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WEATHER CONDITIONS

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NELLIS AFR NV

77-10 YEARS

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUPLY DESERVATIONS

MONTE	H이URS ICE T	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	₩A1L	% OF OBS WITH PRECIF	106	SMOKE AND CR HAZE	BLOWING SNOW		A THIORY A THIOREST TO A SIZM	1014, 120-156 283
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	18-20	• 5	5 • 7				5.7	• 4			. 4	• •	ا د د
	2 1- 23		4.6				4.6	•1			•1	• •	43.
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SLOPAL CLIMATOLOGY BRANCH USAFUTAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723365

NELLIS AFB NV

77-86

4 F -

STATION

STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

, MONTH	HOURS LST:	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST SAND DIE SAND	5 (25 Te) with 8 12 5 5 25	
APP	5 C+03		• 5				• 9,						, _ •
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	06-03		1 + 9)	,		1.9	• 6		,	• 2	• .	4°°°
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	18-20	•1	• 8				•6		,		• 1	• 1	د ي ا
	21-23	• 1					•8				• 1	• 4	49C .
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TOTALS	tm=1 =	• 1	1.2	**************************************			1.2	• 1			-1	• 2	7235

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GLOBAL CLIMATOLOGY BRANCH LEAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723865	NELLIS AFB NV	77-86	YAM
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS		FREEZING RAIN & OR DRIZZLE	SNOW AND-OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	30 - 02	•1	1.3				1.3	• 1			• 1	• 6	932
	23-95	•2	1.9				1.9	• 2	•1	!		• 3	٥30
	J6-08		1.7				1.7	• 3	• 2			•5	ევ::
	39-11	•1	1.3				1.3	- 1				• 1	93.
	12-14	•2	1.1				1.1				•2	ءَ ٠	63-
	15-17	•2	1.0				1.0				•1	• 1	ç 3 0
	18-20	• 3	• 9	· !			. 9				• 3	• 3	93
	21-23	• 6	. 4				-4				• 2	•2	937
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TOTALS		• 2	1.2				1.2	.1			.1	• 2	7440

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SLOBAL CLIMATOLOGY GRANCH USAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723865	NELLIS AFB NV	77-86	JUI.
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LS.T	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	• 1									• 1	• 1	^_0
	03-05		•1				•1						ورو
	06 - F8	.1	• 3				• 3			:			300
	J9-11	•	• 2				•2				•1	• 1	700
	12-14	• 2	. 4	!			-4				• 1	•1	950
	15-17	.4	•2				•2				8		960
	18-23	• 2	• 6				•6				• 1	• 1	903
	21-23	• 6	. 7				• 7				• 2	• 2	900
				!									
													_
TOTALS		• 2	. 3				• 3		:		• 2	• 2	7200

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDMONS OF THIS PORM ARE OBSOLETE

GLOGAL CLIMATOLOGY GRANCH USAFETAC ATR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723865	NELLIS AFB NV	77-85	J
STATION	STATION NAME	YEARS	 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS LST)	THUNDER- STORMS		FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	a a-a2	• 2	• 9							<u> </u>	• 3	• 3	937
	03-05	• 5	1.1				1.1			·			930
	06-08	-4	1.0				1.0			•			
	09-11	• 9	• 6				6	•1				1	ા
	12-14	2.2	2.6				2.6			•	-1	• 1	73 5
	15-17	1.1	1.8			• 1	1•¢	•2			•1	• 3	731
	18-20	•9	1.5				1.5			·	?	. • -	33 %
	21-23	•6	1.3				1.3				• 2	2	930
TOTALS		. 9	1.4		<u> </u>		1.4	•0			•1	• 2	7440

USAFETAC FORM ULY 64 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

723865	NELLIS AFB NV	77-86	202
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (ST)	THU IDER STORMS	RAIN FREE AND OR RAIN E DRIZZLE DRIZ	OR AND OR	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	an - n2	.8	1 • 2			1.2				•1	• 1	7 3
	0.3-05	1.5	2 • 6			2.5			•			937
•	06-08	• 6	1.8			1.8			, ·	•		930
	39-11	. 8	2.0			2.0	•1				• 2	031
	12-14	1.3	1.8	4		1.8	• 2			•	•2	937
	15-17	1.3	1.7			1.7	• 3			• 2	• 5	928
	18-20	2.5	2.3			2.3	• 2			• 3		927
	21-23	1.1	2.4			2.4		, .		•1	• 1	027
	·											
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TOTALS		1.2	2 • 0			2.0	• 1	·		•1	• 2	7432

USAFETAC $\frac{\text{FORM}}{\text{JULY 64}} = 0.10.5 (\text{OL} \ \text{A})$, previous editions of this form are obsolete

SLCBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723855	NELLIS AFR NV	76-65	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	fOG	SMOKE AND OR HAZE	BLOWING	DUST AND OR SAND	S OF OBS WITH CRST TO VISION	TOTAL NO CF OBS
SEP	30-02°	• 7	1.3				1.3				•:		7 00
	03-95	• 9	1.7				1.7						923
	36-98	•1	• 8				• 5						9.5
	39-11	• 3	1.2				1.2			. = .			7,0
	12-14	• b	1.1				1.1						°U\$
	15-17	1.3	2 • 2				2.2	_					٩3"
	18-20	• 9	1 • 2				1 • 2				• 3	• 3	្ន្រ
	21-23	1.0	1.2				1.2	_					938
				+	•	~-·-·			•			•	
	•					~			•		-		
		· · · · · · · · · · · · · · · · · · ·		1									
TOTALS		. 7	1.3				1 • 3				• 1	• 1	7200

USAFETAC FORM 0:10:5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECRAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723865

NELLIS AF NV

5141304

YEARS

SOT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HQUIRS UT	THUNDER STORMS	RAIN AND OR ORIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND CR HAZE	BLOWING	DUST AND OR SAND	NOF OBS WITH CBST TO VISION	TOTAL NO OF CBS
oct	00~02	٠٤	1.3				1.3				•1	• 1	3.7
	0 3 ± 05	-	1.7	•		•	1.7						930
-	 ე6~88	- •	1.1			• -	1.1		2	•		•:	33°
	50-11		1.1	•- •		•	1.1		• • • •	• =	•		ا
	12-14						• 9				•	•	935
									-		• 1	. •1	937
ļ ļ	15-17			•	•		• 3			•	•		ژو د
! :	18-70						•4		•			2	935
 	21-23	• 2		• -						J+	•		
1	•			-• · · · · · · ·						. • -	• •		
: 								-		•= - ·	•		
			· • ·			•							
TOTALS		•	······································	9		-1	• 9		. 3		•	1 .1	7440

USAFETAC JULY 64 0 10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723865	7	2	٥	3	6	5	
--------	---	---	---	---	---	---	--

76-35

NOV

NELLIS AFR NV STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DR:ZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOV	DUST AND OR SANC	* OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	50 - 62	- 1	1.6) 			1.5				1	. • •	
	J3-05		1.7	,			1.7				• 2	• 2	938
	06-08		1.0) 			1.5	. 2				• i	^
	39-11		1.2	2			1.2	• 3			• 2		9.0
	12-14		2.0)			2.0				• 6		913
	15-17		1.3	3			1.3						900
	18-20		1.9) 			1.9			•			,
	21-23	•2	2 • 3	5			2 • 3						905
				· ·					•				
				··· - · · · ·									
· · · · ·	·				• •				* , -				
TOTALS	~~~~~~	• 0	1.8)		**************************************	1.6	• 1			.1	•	7250

USAFETAC $\frac{\text{FORM}}{\text{JULY 64}} = 0.10.5(\text{OL}/\text{A})$, previous editions of this form are obsolete

SECRAL CLIMATOLOGY ERANCH USAFETAC ALR MEATHER SERVICE/MAC

WEATHER CONDITIONS

723955	NELLIS AFR NV	76+85	D∈C
STATION	STATION NAME	YEA?S	MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF MEATHER CONDITIONS FROM HOURLY DESERVATIONS

момтн	∺೯೮ ೯೯₹	THUNDER STORMS	RAIN AND OR ERIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FØG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	\$ OF OBS WITH CBST TO VISION	TOTAL NO OF OBS
DEC	30-31		2.7				2•7	• 8				• <	ن د
	J 3≠25		3 - 1	: :			3.1	• 8	• ì			٠٤	٥3-
	06 - ∩3		2.9			_	2.9	2.6				2.6	950
	39-11		2.7	,			2.7	2.3				2 • 3	73
	12-14		2 • 8				2 • 8	1.4			•6	2	?3-
	15-17		3.1		•2		3.1	1.5	• 1		.4	2.0	93 .7
	18-20	•2	1.9	· · · · ·	• 3		2•2	. 4				. 4	73
	21-23		2.0)	•1		2.0	• 6	-			• 5	ø31
						-		· · •					-
		- •		•							-		
							· · · · · · · · ·	•				•	
TOTALS	·	. 3	2.1	т. — - 	• 1:	******	2.7	1.3	• 0	(m. 5r) - (m. 5m. 1/100 m.	. 1	1.4	7447

USAFETAC $\frac{\text{FORM}}{\text{JULY 64}} = 0.10 \cdot 5 | \text{OL} \cdot \text{A}|$, previous epitions of this form are obsolete

SLOBAL CLIMATOLOGY BRANCH UTAFETAC AIP WEATHER SERVICEZMAC

WEATHER CONDITIONS

123865

NELLIS AFB NV

76-96

ALL

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

момтн	MCCURS CST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW . AND OR SLEET	HAIL	& OF OBS WITH PRECIF	FOG	SMOKE AND OR HAZE	BLOWING	DUST AND OR SAND	% OF OBS with GBST TO VISION	TOTAL NO OF OBS
PAL	ALL		3.7		• 5	_	4 • ĉ	• 7	• 4			• ?	744.
FER		•0	3.3		• 3		3.3	. 7			•1	• 5	57 6 8
MAR		• 2	4 • 2			• 0	4 • 2	• 3	• 5.		• 3	• 7	744
APR		•1	1.2		·		1.2	• 1			• 1	• 2	7.200
MAY		• 4	1 • 2				1.2	•1			• 1	• •	7 14
JUN		ءَ •	• 3				- 3				• 2	• 2	12.2
JUL			1.4			• 3	1.4	•a			•1	•	744
AUG		1.2	2.0				2.5	• 1			•1	•-	7432
SEP		• 7	1.3				1.3				•1	• •	7227
ОСТ		• 2	. 9			-	• 9	.0			• 1	• .	744
407			1.6		- ••		1.6	• 1		• • • • • • • • • • • • • • • • • • • •		••	7200
DEC	_	• 0	2.7		•1		2.7	1.3	• •		•1	1.4	744 ~
TOTALS		• 3	2.0		•1	•0	2.0	. 3	• 1.	-	• 1	.4	87540

USAFETAC JULY 64 0-10-51 OL A), PREVIOUS EDITIONS OF THIS FORM ARE DISCUETE

ATMOSPHERIC PHENOMENA

dummary is 8. presentation of the percentage of days with occurrence of various atmospheric phenomena. data are obtained from all recorded information on the reporting forms or from hourly data and cominto a daily observation.

RT A

lescriptions of the phenomena in the Weather Conditions Summary above also apply for the categories rized in these daily tabulations. However, it should be noted that in this summary the columns of "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than ercentage of observations. Since more than one type of precipitation or more than one type of obtion may occur in the same daily observation, the sum of the values in the individual categories may be from the total columns.

presentation is by month with simulal totals, and is prepared with all years combined.

- 1: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949.

 Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile:

PLIRAL CLIMATOLOGY PRANCH UNAFETAC A. FATHER SERVICE/MAC

ANONTHONS REPRESENT

ATMOSPHERIC PHENOMENA

223865 NELLIS AFB NV

FLL

STATION

STATION NAME YEARS

MONTH -

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

мОптн	HOURS CUIT	THUNDER- STORMS	RAIN AND OR ORIZZLE	FREEZING RAIN S OR ORIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIF	fOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	\$ (01 C.85 with (1851 10 VISION	TC"A. NO 05 081
JAN	DAILY	•1	14.6		2.3	•2	16.0	2.9	• 3		. 7	3.	11 -
F£3	•	1 • C	15.3	•	1.0	• 2	15.6	2.1			. 8	3	1571
∗, 4 ⊃		1.6	18.5		·	• 4	13.6	1.5	٠ 5	· ·	4		117:
4 P R		1.4	11.4	. ,	•2	• 1	11.4	• 5	.1		1.1	1.	11 *
4 A Y		3.1	15.4			• 1	10.4	• 2	. 4	,	. 4	1	1177
JUN	•	3 • 5	5.9		•	- 2·2	6		• 1	• -	• 0	1 •	114_
J JL		11.0	16.4			.3	15.4	• 3	• i	•	. • 8	2.1	117=
AUS	•	11.9	16.7	, .		• 3	10.7	• 3	• •		1.2	1.5	1175
(EP	•	5 • 4	12.3			• 1	12.0	• 2			• 4	• 3	11.9
эст	•	2•3	9.9		•1		9.9	• 3	•1		. 9	1	1147
NOV	•	9	11.1		···		11.1	1.4			• 5	1.	111.
DFG			12.4		1.4	-	12.8	3 • 4	• 5		• t	4 • .	11:3
TGTALS	• • • • • • • •	3.6	12.9		•5,	• 2	13.1	1.1	• 4		.9	2 • 1	13728

USAFETAC PORM 0 10 5-OL A , MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest, and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and munual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME I	DAILY	PRECIPITATION	".00"	equals	none	for	liie	month	(hundredths)
EXTREME 1	DATLY	SNOWFALL	".0"	equals	none	for	the	month	(tenths)
EXTREME I	DATLY	SNOW DEPTH	"o"	equals	none	for	the	month	(whole inches)

3. The third set of two tables provides the total monthly compunts of FRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 08001ST	beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

DAILY AMOU

PERCENTAGE FREQUEN PRECIPITATION (FROM DAILY OBSERVA"

723865 NELLIS AFB NV STATION NAME

42-44, 49-86

						AMO	OUNTS (II	HCHES)						PERCENT		MONT	HLY AMOU
PPECP	NONE	TRACE	01	02-05	96 10	11 25	26 50	51 1 00	1 01-2 50	2 51 5 00	5 01-10 00	10 01 20 01	OVER 20.00	OF DAYS	NO		(INCHES
NOWFALL	NONE	TRACE	0:04	0.5-1.4	1524	2534	3 5 4 4	4 5 6 4	6 5 10 4	10 5.15 4	15 5-25 4	25 5 50 4	OVER 50 4	MEASUR.	OF OBS	MEAN	GREATES!
SNOW EtPIH	NONE	TRACE	1	2	3	4.6	7 12	13 24	25 36	37 48	49 60		OVER 120	AMTS	Land 1		Englande i Anaza, a es
JAN	84.2	7.7	1.7	1.4	1.2	2.9	1.2	• 3						8 • 1	1221	-41	1 • 5 5
FEB	84.3	7.4	. 7	2.7	1.6	1.8	1.4	• 5	_					8.7	1126	.4:	1.94
MAR	51.7	9.5	. 8	2.2	1.8	2.5	1.1	•5			.	·		8.3	1255	. 4 3	1.93
APR	87.9	5.9	. 7:	2.2	1.2	1.5	•2	• 3	.1					6 • 3	1230	• 24	3.36
MAY	89.7	6.5	• 6	1 • 3	•6	•6	•6	•1				· · · · · · · · · · · · · · · · · · ·		3.8	1271	• 1 3	. 94
JUN	93.3	5.1	• 3	.6	• 2	• 2	• 2							1.5	1230	.04	.36
JUL	33.7	8.3	1.7	2 • 5	.7	1.3	. 9	•6	• 2					7.9	1271	• 46	4.73
A UG	33.4	9.7	. 9	2.7	. 8	1.3	• 6	• 3	• 5					6.9	1271	. 4 5	2.44
SEP	å 8 ⋅5	6.8.	•6	1.7	1.0	1.2	. 4	• 5	• 2				i	5.3	1200	• 32	1.40
ост	89.7	4.9	. 9	1.7	.8	1.0	.6	• 3					1	5.4	1239	.24	1.26
NOV	89.4	4 - 4	• 5	1.6	. 9	1.6	• 6	• 8	• 2					6.2	1176	. 41	2.41
DEC	o6 • 5	5.4	1.0	2.6	1.4	1.7	1.0	. 3	•1					8.1	1209	.36	1.73
ANNUAL	56 . 8	6.7	.8	1.9	1.5	1.5	. 7	. 4	•1		P	•		6.4	14665	3.90	

USAFETAC $_{\text{OCT.75}}^{\text{FORM}}$ 0.15.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION (FRUM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 42-44, 49-86

ALL						'OUNTS IN 'N-T-H-S-		24					
MONTH	LEC	NOV	OCT	SEP	AUG	JUL	JUN	MAY	APR	MAR	FLB	MAL	YEAR !
• • • • • • •	.04	.00	.10	.00	1.50	TRACE	.00	.00	TRACE	*.UO	• • • • • • • •	• • • • • • • •	42 1
.6	.41	TRACE	•02	.22	•02	TRACE	• 00	TRACE	. 40	.18	.10	.65	43
				.00	•00	TRACE	TRACE	•15	TRACE	•05	.27	.32	44
• 3	.06	.08	TRACE	•07	.20	- 30	• 0 3	•02	TRACE	.06	*TRACE	*TRACE	49
. 9	.01	TRACE	TRACE	.90	-11	.64	TRACE	.00	TRACE	.01	.12	TRACE	FD {
1 - 1	•11	•22	.15	.94	1.12	• 20	• 00	.08	.08	.08	-01	.38	51
.8	.31	.26	. OC	.41	.09	• 4 0	• 0 2	TRACE	•60	.63	TRACE	.37	E2
.2	TRACE	• 0 3	.21	.00	TRACE	• 26	TRACE	TRACE	TRACE	.01	.00	TRACE	53
1.1	.15	.76	. D4	1.15	TRACE	1 د .	TRACE	TRACE	.06	.29	•31	.34	54
. 8	.05	TRACE	.03	.00	. 44	-14	.23	•01	TRACE	TRACE	.13	. 82	55
. 2	•00	•00	.16	.00	.00	.28	• 00	TRACE	.02	•00	.22	.23	56
1.7	.03	•42	.10	TRACE	1.77	1.15	-10	•13	.63	TRACE	• 05	.21	57
. 9	• 00	.99	.61	.13	.05	TRACE	TRACE	.32	.15	.15	18.	.53	58 [
. 9	•91	.94	• 65	.32	.21	• O 6	TRACE	TRACE	TRACE	TRACE	• 30	.12	59
1.1	• 35	1.17	• 73	.25	TRACE	TRACE	.06	•02	-11	.04	.11	.29	60 1
1.6	.21	.07	.10	.02	1.62	. 31	• CO	TRACE	.04	.12	TRACE	.23	61
.4	.16	.00	.49	.12	TRACE	.01	TRACE	TRACE	.00	2 نا •	- 16	.03	62
. 6	TRACE	.26	.30	•62	•05	.00	.31	TRACE	.10	.15	.34	.19	63 1
. 2	.01	.11	TRACE	TRACE	TRACE	-22	TRACE	-10	.07	•C 2	TRACE	TRACE	64
1.2	.73	.97	.03	.09	.33	- 14	• C 1	.45	1.25	.33	.23	TRACE	65
1.1	.16	•22	.05	1.16	•02	•66	TRACE	.02	.2C	TRACE	.07	•01	66
.8	-17	.83	.00	•63	. 14	•11	• 14	.07	.03	TRACE	*. 00	.35	67
• 2	.03	.10	.23	.01	•03	.04	• C5	.02	•06	.11	.22	TRACE	68
. 7	.00	.03	.18	.01	-11	.74	• 55	.39	TRACE	•15	.27	.33	69
. 6	. 07	• 15	.01	•00	•62	• U 5	TRACE	.00	.04	.17	.46	TRACE	70 L
. 5	.21	•22	.03	.00	•02	TRACE	TRACE	•57	TRACE	.02	.05	TRACE	71
1.5	.08	.79	.77	•22	•17	1.56	-11	.04	.07	TRACE	•00	.00	72 I
. 4	.04	-04	•01	TRACE	.15	.01	THACE	.03	.23	•45	.32	.25	73
. 6	.63	.33	. 37	•00	.11	•20	• 00	TRACE	TRACE	.38	• C 3	. 45	74
.1	TRACE	TRACE	•02	-10	.04	.76	TRACE	.31	.18	•58	•03	TRACE	75

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC

EXTREME VALUES OF PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 42-44, 49-86

1						-M-0	-N-T-H-S	-					ALL
YEAR 1	JAN	FEB	MAR	APR	MAY	JUN	Jul	AUG	SEP	OCT	NOA	CEC	HONTH
76	.00	.8ú	.03	.06	.37	۵۵۰	.50	-00	.72	.97	.07	.05	
77	.24	TRACE	.20	TRACE	.28	• 37	TRACE	.67	-09	- 01	•08	1.15	1.1
78	.29	.47	.97	.35	.22	• 00	•06	-01	-15	- 41	.54	•46	.9
79	.39	.07	.46	.15	.14	TRACE	-19	1.55	TRACE	• 00	TRACE	• D4	1.5
80	.62	.75	.39	.04	.03	.01	4	TRACE	•53	TRACE	•00	TRACE	.7
81	.08	.07	.60	.19	.33	TRACE	. 40	•15	.08	.33	• 2 2	.00	• 8
E5	-11	.73	•1 ĉ	.61	.07	TRACE	7 ن ،	• 32	•u8	-10	.61	.45	.7
83 1	.24	•65	.92	.21	TRACE	TRACE	• Ü b	.89	.39	• 25	. 15	.30	.9
84 [TRACE	.03	TRACE	. 85	TRACE	TRACE	2.50	1.70	-14	TRACE	1.09	•51	2.5
85 1	• 4 1	TRACE	.01	.13	.03	TRALE	.45	TRACE	•08	• 31	• 15	.08	. 4
86	.14	.44	4.26	-11	•02	. 63	3 س	.04					
MEAN !	.221	204	-209	.137	.096	.037	.316	.348	.241	.184	.305	-204	.90
5.0.	.211	. 241	.276	. 233	.147	.084	.469	.545	.333	.244	. 363	.273	.47
L CBS I	1221	1128	1.755	1230	1271	1230	1271	1271	1200	1209	1170	1209	1466

NOTE + (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WFATHFR SERVICE/MAC

MONTHLY PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 42-44, 49-86

: ,1

١					-		RECIPITA -n-t-h-s						ALL
YEAP !	JAN	FEE	MAR	444	MAY	JUN	Jul	AUG	SEP	001	NOV	CEC	MONTH
42 1	· · · · · · · · · · · · · · · · · · ·	•••••	.00	TRACE	.00	.uo	TRALE	1.65	.00	.10	.00	.04	• • • • • • •
43 l	•92	.10	•45	. 8 4	TRACE	• 00	TRACE	.03	.26	• 02	TRACE	1.36	3.9
44	•42	•98	•05	TRACE	.20	TRACE	TRACE	.00	.00				
49	*TRACE	*TRACE	•86	TRACE	.03	• u 3	• 30	.30	.07	TRACE	.08	.08	*.9
50	TRACE	.12	•ນ2	TRACE	.00	TRACE	.78	.11	.90	TRACE	TRACE	.01	1.9
51 1	.40	.01	30.	.22	•09	۵ ب	.31	1.20	.94	-17	•22	.18	3 . 8
52	.46	TRACE	1.81	.95	TRACE	.02	•62	.09	•69	00.	.41	٠56	5.6
F3	TRACE	.00	•01	TRACE	TRACE	TRACE	.27	TRACE	aa.	- 28	.03	TRACE	, 5
54 (.56	.02	•62	.36	TRACE	TRACE	.51	TRACE	1.40	.04	.76	.25	4.2
55	1.43	.17	TRACE	TRACE	.01	. 23	. 30	.75	.00	• 03	TRACE	.07	2.9
56 Ì	•23	.22	•40	. Q 4	TRACE	.00	.56	.00	.00	.16	.00	.00	1.2
57	.41	.07	TRACE	.70	•22	.10	1.15	2.10	TRACE	. 24	.49	.04	5.5
58	-59	.96	.39	.34	.32	TRACE	TRACE	.07	.20	.61	1.40	.00	4.8
59	-12	.68	TRACE	TRACE	TRACE	TRACE	-12	.39	.36	.06	1.11	1.59	4.4
60 l	.65	.31	• ii 4	.11	•02	. 06	TRALE	TRACE	-25	. 77	1.58	.41	4.2
61 1	.24	TRACE	.17	- 08	TRACE	.50	• 60	1.84	•02	.26	•09	. 44	3.7
62	.03	.49	•62	• 00	TRACE	TRACE	1 ب •	TRACE	.12	.52	.00	.21	1.4
63	.19	• 46	.21	.16	TRACE	.39	• 00	•07	1.29	.66	-41	TRACE	3.8
64 1	TRACE	TRACE	•04	.11	.18	TRACE	. 48	TRACE	TRACE	TRACE	.13	.01	.7
65	TRACE	.29	-56	3.36	.94	.01	. 47	•39	.09	•02	2.41	1.50	9.6
66 \$.01	.16	TRACE	•20	.04	TRACE	.70	•02	1.36	.10	•25	.32	3.1
67	.48	*.00	TRACE	.05	.07	. 14	.21	.16	.85	.00	1.32	.20	+3.4
68	TRACE	.28	-11	•06	•02	.05	. 45	.03	.01	. 24	-10	.03	.91
69	1.37	-80	.41	TRACE	.60	. 15	.77	-11	.02	.18	.03	.00	4.3
70	TRACE	.91	• 4 2	.34	.00	TRACE	-10	.78	.00	.01	.15	.11	2.5
71 (TRACE	.12	•02	TRACE	.71	TRACE	TRACE	.08	.00	.05	•22	.48	1.6
72	•00	.00	TRACE	•07	.04	.15	1.56	.40	.28	1.26	.90	.18	4.8
73	.49	1.11	1.83	.24	.04	TRACE	•02	.16	TRACE	. 31	•08	.04	4 . 0.
74 1	1.40	• U 3	.38	TRACE	TRACE	. 60	• • 0	.13	.00	.93	.40	.75	4 . 6.

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR SEATHER SERVICE/MAC

MONTHLY PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 42-44, 49-86

ALI					-	-N+T-H-S-	-M-0-						- 1
MONT	LEC	NOV	OCT	SEP	AUG	Jul	NUL	MAY	APR	MAR	FEB	JAN	AP I
5.0	.05	.07	1.01	1.09	.00	.94	.00	.39	.10	u 3	1.94	.00	5 1
3.9	1.16	.08	-01	.14	.85	TRACE	. 38	-64	TRACE	.23	TRACE	.43	7
7.	.82	.65	.41	•20	•01	-07	.00	•22	.81	1.75	1.52	.89	3
6.0	• 06	TRACE	•00	TRACE	2.44	• 4 7	TRACE	-14	.15	1.34	.07	1.35)
5.9	TRACE	.00	TRACE	.66	TRACE	1.06	.02	• 0 3	•06	-86	1.66	1.55	1 1
3.3	•00	.22	• 54	.12	•35	• L O	TRACE	.40	.19	1.36	.10	.09	ı į
3.9	1.00	•65	-13	.18	.39	•12	TRACE	.07	.01	-51	•73	.18	?
6.2	. 38	.28	. 34	.74	1.94	•06	TRACE	TRACE	.38	1 - 4 3	-16	.57	3
9.9	1.73	1.33	TRACE	.15	1.95	4.73	TRACE	TRACE	•65	TRACE	• 6 3	TRACE	, 1
2.1	.08	.31	. 34	.08	TRACE	.63	TRACE	•03	.13	•0Z	TRACE	. 4 4	i
					• 0 4	.49	.03	•02	.11	*.44	• 5 C	.19	. 1
4.0	.363	.414	.244	.317	.460	.463	.040	.134	.244	430	.397	.413	1
2.17	.499	.556	.320	.427	.701	.786	.092	.226	•555	•590	.508	.468	. 1
1466	1209	1170	1209	1200	1271	1271	1230	1271	1239	1255	112P	1221	15

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY GRANCH USAFETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWF ALL

(FROM DAILY OBSERVATIONS)

723865 NELLIS AF3 NV 49-86

						AM	OUNTS (NCHES)						PERCENT		MON	THLY AMO	UNTS
PRE', P	NONE	TRACE	G1	02 05	06-10	11. 25	26 50	51 ! 00	1 01 2 50	2 51 5 00	5 61 10 00	10 01 20 00	OVER 20 00	OF DAYS	TOTAL NO		INCHES	
SNOWFALL	NONE	TRACE	0104	0514	1524	2534	3 5 4 4	4564	6 5 10 4	10.5 15 4	15 5 25 4	25 5 5C 4			OF OBS	MEAN	GREATEST	LEAS*
100 A 1101H	NONE	TRACE	1	2	3	4 6	7-12	13.24	25 36	37 48	49-60	61 '20	OVER 126	AMTS	, .			
JAN	99.1	1.2	• ?	• 3		•1	•1	• 1						• 7	1154	• 4	5.4	• -
FEB	99.0	• 7	• 1	• 1	•1				•					• 3	1073	• 1	2.2	•
MAR	99.4	• 6		•						•	•	•	•		11787	RACE	TRACE	• ~
APR	99.9	• 1	•						• · · ·	•	•	• ·	•	•	11407	RACE	TRACE	• '
MAY	100.0					•	•								1178	• :	٠٤	•
	100.0		· · · · · · ·		-	*						-	•		1140	• 0	•0	• 3
	1 2 0 . 0					•	-	•				•			1178	• 0	• •	• ^
AUG	100.5	-	···			+		•			-	-			1176	• :	• 0	. 3
SEP	 1 u 0 • 0	•	•			•	-		•	•		+			1115	•0	.3	• 3
oct	99.9	•1	•			*-·	·-··			•	•	•	•	•	11477	RACE	TRACE	•:
NOV	99.4	•6				•		•	•	•		•	•	•	11107	RACE	TRACE	• :
DEC	98.7	1.2		• 1		•	•			•	•	•	•	•1	11471	RACE	1.2	• .
ANNUAL	99.5	. 4	• ?	•0	. 3		• 0	•0	*	ar more	t			• 1	13743	• 5	* = = =	

 ${\sf USAFETAC_{OCT.75}^{FORM.\,0.15.5}~(OL.A)} \qquad {\sf previous~editions~of~this~form~are~obsolete}$

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 49-86

					24	HOUR APP	N-T-H-S-	INCHES					ALL
YEAR	MAL	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	720	NOV	DEC	MONTH
49	*TRACE	•0	•0	• P	.0	•0	. 3	• • • • • • • • • • • • • • • • • • • •	.0	•0		•0	*TRAC
50 I	•0	• 0	• 0	• 0	• 0	• C	• 0	• 0	• 0	• 0	• 0	• 0	
51 (TRACE	.0	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	•0	.0	• 0	TRAC
52	• 0	• C	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	
53	• 0	• C	• 0	• 0	• 0	•0	٠ ت	• D	• 0	TRACE	TRACE	• 0	TRAC
54	.0	• C	TRACE	• 0	• 0	• 0	• 0	• 0	.0	•0	• 0	• 0	TRAC
55	• 9	• 3	٠ ٥	• C	• 0	• 0	.0	• 0	• 0	•0	• 0	• 0	
50 1	• 0	2 • 2	• C	• 0	• 0	• 0	.0	• C	• 0	• C	• 0	• 0	2.
57	• 3	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	.0	.0	
58 [• D	• 0	• 0	• C	• 0	• C	.0	•0	• 0	• 0	TRACE	•0	TRAC
59	• 0	• U	• C	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• 0	
60 I	TRACE	• C	• D	• C	• 0	• 0	• 0	• 0	• 0	• D	. 0	TRACE	TRAC
61 I	• 0	• C	• G	• C	• 0	• 0	• 0	• C	• 0	•0	• 0	1.2	1.
62	TRACE	• C	TRACE	• 0	• 0	• 0	• 0	•0	• 0	.0	• 0	. ၁	TRAC
63	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	•0	• 0	• 0	.0	
64	• 0	• n	٠ ن	• 0	• 0	• 0	• D	•0	• 0	•0	TRACE	• 0	TRAC
65 J	• 0	• 0	• 0	• 0	• 0	• 0	• D	• D	• 0	•0	.0	TRACE	TRAC
66	• n	TRACE	• 0	• 0	• 0	• 0	• 0	•0	• 0	•0	•0	TRACE	TRAC
67 ł	• 0	•0	. 3	• 0	• 0	• 0	• 0	• 0	.0	.0	TRACE	TRACE	TRAC
68 l	• 0	• 0	.0	• C	• 0	• 5	• 0	• 0	• 0	• 0	• 0	• 0	•
69	TRACE	• 0	TRALE	• 0	.0	• 0	• 0	.0	• 0	• 0	• 0	• 0	TRAC
70 1	• 0	• 0	. 0	• 0	• 0	• 0	.0	0.	• 0	• 0	•0	• 0	•
71	TRACE	TRACE	TRACE	• 5	. 0	• 0	• 0	• 0	• 0	• 0	TRACE	TRACE	TRAC
72	• 0	• 0	• 0	TRACE	• 0	• 0	.0	.0	• 0	•0	• 0	TRACE	TRAC
73	TRACE	• 0	• 5	• r	• C	• C	.0	• 0	• 0	• 0	.0	.0	TRAC
74	4.0	• C	• D	• 0	• 0	• 0	. 0	• C	.0	.0	•0	TRACE	4.
75	•0	TRACE	• D	٠.	• 0	• 0	. 0	.0	.0	• 0	. 0	.0	TRAC
76 I	• 0	• C	• C	• 0	• 0	• 0		• 0	• 0	.0	• 0	• 0	
77	•0	• C	• D	. e	• 0	• 0	.0	• C	• 0	.0	• 0	• 0	
78	• 0	• C	• 0	• 0	• 0	• 0	• 0	• 0	• 0	.0	. 0	TRACE	TRAC

NOTE + (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON REXT PAGE....

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC

EXTREME VALUES OF SHOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 49-86

ı						-M-0-	N-T-H-S-						ALL
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOA	LEC	MONTHS
79	4.7	1.1	•0	•0	.0	.0	.0	.0	.0	•0	•0	•0	4.7
50	• 0	• G	• 0	٥٠	• 0	• 0	• 0	•0	•0	• D	• 0	• 0	•0
F1	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	• 0	.0	.0	.0
P2	TRACE	• 0	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• 0	•0	TRACE
83	• 0	٠. (• 0	• 0	• C	.0	• 0	•0	•0	• 0	• 0	• 0	.0
94	• 0	• C	• 0	• 0	٠ ن	• 0	• 0	•0	• 0	•0	• 0	TRACE	TRACL
95	• 0	TRACE	TRACE	• 0	• 0	• 0	. 3	•0	.0	• 0	.0	•0	TRACE
86	• 0	• 0	• C	• 0	• 0	• 0	• 0	• 0					
MEAN	.27	.C9	THACE	TRACE	.00	.00	.00	.00	.00	TRACE	TRACE	.03	. 37
5.0. 1	1.00%	.396	. rao	.000	.000	.000	.000	.000	.000	.000	.000	.197	1.074
AL OBS	1164	1073	1178	1140	1178	1140	1178	1178	1110	1147	1110	1147	13743

NOTE * (BASED ON LESS THAN FULL MONTHS)

MONTHLY SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NY

PERIOD OF RECORD: 49-86

	••••••	• • • • • • • •	• • • • • • •	• • • • • • • •	TOTAL	MONTHLY		IN INC	HES	• • • • • • •	•••••	• • • • • • • • • •	
	1					-M-0-1	N-T-H-S-						ALL
Y E A T	i JAN	FLB	MAR	APR	MAY	JUN	JUL	AUG	SEP	0C1	NOV	DEC	MONTHS
49	1 +TRACE	.0	.0	•0	•0	.0		.0	.0	.0		.0	*TRACE
50		٤.	.0	• 0	•0	•0	• 0	•0	•0	•0	.0	•0	•0
- 61	TRACE	•0	TRACE	•0	• 0	•0	. 0	•0	.0	•0		.0	TRACE
52	.0	.0	• 0	• 0	•0	•0	• 0	• 0	.0	• 0	• 0	• 0	•0
53	1 .0	٠٤	•0	• 0	•0	•0	.0	• 0	•0	TRACE	TRACE	• 0	TRACE
54	.0	ů.	TRACE	• 0	• 0	•0	.0	• 0	• 0	•0	• 0	• 0	TRACE
55	1 .9	• 3	• C	• n	۰٥	• 0	• 0	• 0	• 0	•0	.0	•0	1 • 2
50	.0	2.2	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	2.2
۲.7	1 .4	• 0	.0	• 0	• 0	• 0	.0	•0	•0	•0	• 0	• 0	.4
58	1 .0	• C	.0	• 1	• 0	•0	• 0	•0	• 0	• 0	TRACE	.0	TRACE
5,9	1 .0	• 0	- 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0
60	I TRACE	• 0	• 0	• C	• 0	•0	• 0	• 0	• 0	• 0	• 0	TRACE	TRACE
61	1 .0	• C	• 0	• 0	• 0	• 9	• 0	•0	• 0	•0	• 0	1.2	1 • 2
4.2] TRACE	• 0	TRACE	• 0	• 0	•0	• 0	• 0	• 0	•0	.0	.0	TRACE
63	1 .0	• 0	.3	• 0	• 0	•0	. 3	• 0	•0	•0	• 0	.0	• U
64	• 0	• C	• 0	• 0	• D	• 0	• 0	•0	.0	•0	TRACE	•0	TRACE
45	.0	• 0	• 0	• 0	• 0	•0	• 0	•0	• 0	•0	.0	TRACE	TRACE
66	1 .0	TRACE	• C	• 0	• 0	• C	• 0	•0	•0	•0	•0	TRACE	TRACE
£7	1 .0	• 0	• 0	• G	• 0	•0	• 0	• 0	• 0	•0	TRACE	TRACE	TRACE
68	.0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	•0	.0	• 0	•0
69	I TRACE	• C	TRACE	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	TRACE
70	.0	7.	. 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0	•0
71	TRACE	TRACE	TRACE	• 0	• 0	•0	• 0	• 0	• 0	• 0	TRACE	TRACE	TRACE
72	1 .3	• C	•0	TRACE	• 0	• 17	• 0	.0	.0	• 0	.0	TRACE	TRACE
73	TRACE	• U	. 5	• 0	•0	. C	. n	• 0	.0	• 0	• 0	• 0	TRACE
74	8.4	• 0	. 0	• 0	• 0	• 0	• 0	• 0	•0	• 0	•0	TRACE	0.4
75	.0	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	.0	• 0	TRACE
76 	• 0	• 0	• 0	• 0	• 0	• 0	• 0	• C	•0	•0	•0	•0	• 0
77	! .0	• E	• c	• ^	• 0	• 0	• 0	.0	•0	• 0	•0	.0	•0
78	.0	.0	.0	•0	.0	.0	•0	.0	•0	•0	.0	TRACE	TRACE

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

ULUEAL CLIMATOLOGY BRANCH V LYAFLTAC V AIR BEATHER SERVICE/MAC

MONTHLY SNOWFALL (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: MELLIS AFR NV

PERIOD OF RECORD: 49-86

				1E S	L IN INC			TOTAL						
MONTHS	CEC	NOV	007	SEP	AUG	7-1-H-5- JUL	JUN	MAY	APR	MAR	FLô	JAN	A? {	Y !
6.8	.0	. D	•0	.0		.0		.0	• 0		1.1	5.7	79 1	7
•0	.0	.0	• 0	.0	. 0	• 0	• 0	• 0	.0	• 0	• C	. n	i 0	c
.0	•0	.0	• 0	• 0	.0	• 0	• 0	• 0	• 0	• 0	• r	.0	93 j	p
TRACE	.0	• 0	• 0	•0	•0	• 0	• 0	• 0	• C	• 0	• C	TRACE	2 1	9
•0	.0	• 0	•0	-0	• 0	• 0	.0	• 0	• 7	• 3	• C	• 0	43	4
TRACL	TRACE	• D	• 0	•0	.0	•0	.0	.0	٦.	۰٥	1.	٠.0	: u j	4
TRACE	•0	.0	•0	.0	. C	• 0	• 0	• 0	• C	THALE	TRACE	•0	35	9
					•0	• 0	• 0	•0	• 0	• 0	• C	• 0	·6 I	۴
.56	.03	TRACE	TRACE	.00	.00	٥٥.	.on	.00	TRACE	TRACE	.69	.42	N I	PLE
1.800	.197	.800	.000	.000	.000	.000	.000	.000	.300	.000	.39€	1.647		5.1
13743	1147	1110	1147	1110	1178	1178	1140	1178	1140	1178	1073	1164	8 1	AL C

NOTE * (BASED ON LESS THAN FULL MONTHS)

SECRAL CLIMATOLOGY GRANCH USAFETAC Aim Weather Service/Mac

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

72 38 5 NELLIS AFB NV STATION NAME

42-44, 49-86

YEARS

						AM	OUNTS (INCHES						PERCENT		MON	THLY AMO	ביאני:
د ر پ	NONE	TRACE	01	02 05	06-10	11 25	26 50	51 1 00	1 01 2 50	2 51 5 00	5 01/10 00	10 01 20 6	0 OVER 20 1	OF DAYS	TOTAL NO		3NCHE3	
NO WEALL	NONE	TRACE	0104	0.5-1.4	1524	2534	3544	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4		OF CBS	MEAN	GREATES:	.[4]
SKOW Sterm	NONE	TRACE	· · · · · · · · · · · · · · · · · · ·	2	 ,	46		3 24	25 36	37 48	49 60	61 120	CVER 120	AMTS	:			
JAN	39.8	•1	• 1			• 1								• 2	1225			
FEB	99.9	•	. 1	• • •			•	•						• 1	1130			
MAR	99.9	• 1			-	•	•				•				126.			
APR	120.0	· · ·•				• •		-		•		•	***-		1230			
MAY	123.0				•						•	• •	•		1271			•
אטו	150.0														12 3"			
JUL	1.0.0			-	•	-		•					•		1271			
AUG	100.0	· ···•	.,										*		1271			
SEP	130.0				*		•		•		•		•		12 2			
OC1	133.0	·								•				•	1209		•	•
NOV	130.9					!	!								1170		•	
DEC	99.9	•	• 1				· —	1		•	•	• • • • • • • • • • • • • • • • • • • •	*	•1	12~9		•	
ANNUAL	100.0	.3	. J	haa Yuro		. 5			****		1	**===	***************************************		14677			•

, USAFETAC OCT 75 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723965 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 42-44, 49-86

• • • • • • •	• • • •	• • • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • •	ŪA.	ILY SNOW	DEPTH IN	INCHES	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	ALL
Y E	AR	MAL	F£B	4A P	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	HONTHS
	12		•••••	*£	c	0	c	a	0	0	0	0	Ö	,
	13	0	C	Đ	E	O.	D	۵	0	0	0	o	0	G
4	+4	C	O	TRACE	0	0	0	O	0	0				
4	19	* 0	G	0	0	0	0	Q	0	0	Œ	0	0	O
	0 1	0	C	0	C	O	0	0	D	0	0	D	0	٥
5	1 1	0	ני	۵	D	0	0	0	0	a	0	a	0	٥
	2 !	n	C	0	Ð	0	٥	0	0	0	0	C	σ	0
•	:3	0	c	C	С	O	0	a	0	a	D	٥	0	O
	54	٥	C	C	C	Ð	Ð	0	0	0	0	0	0	Ū
9	55	l n	D	D	0	٥	C	0	0	Ö	0	ס	0	Ü
	56	0	C	0	0	o	0	0	0	a	c	o	0	O
•	7	0	0	Ō	n	a	C	O O	0	σ	Ð	O	0	ú
5	58 1	ı o	Ü	ס	0	D	0	9	G	0	O	0	0	0
•	9	ס	D	c	O	0	С	0	0	0	0	О	0	G
	ו טפ	ח	O	ti	0	0	O	O	0	0	σ	0	O	0
	-1	0	C.	O	0	σ	Ø	C	O	ø	D	0	1	1
	2 (0	D	c	r	O	0	0	0	0	0	Э	0	C
	ا 3	C	c	0	G	0	O	0	O	O	0	0	0	G
6	4 1	0	0	C	С	0	0	2	0	C	0	0	0	0
+	5 !	0	0	O	O	g	8	0	Ð	O	ם	0	0	Ü
		0	Đ	υ	C	0	0	0	ū	0	0	0	0	0
	.7	g	C	Ū	U	O	c	9	0	0	a	0	O	O
	8 1	ני	J	C	O	0	٥	0	O	0	O	Ü	ō	0
	9 1	ני	Č	C	E	O	o	D	0	O	0	0	O.	ů
	70	0	C	0	ຄ	0	0	э	0	0	0	0	a	0
	71 !	0	C	c	O	a	0	0	C	0	С	ø	O	0
	72	9	Ō	0	0	O	O	9	0	Đ	0	C	O	Ü
	73	ď	C	D	D	Ð	D	C	C	0	a	0	0	0
	74]	4	0	O	C	С	C	0	0	0	e	۵	٥	4
7	75 1	0	C	r	С	۵	0	0	0	σ	0	0	0	D

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

}

EXTREME VALUES OF SNOW DEPTH (FROM DAILY OBSEPVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 42-44, 49-86

	•••			• • • • • • • •	• • • • • • • •	DA		DEPTH I						••••••
YEA	F	JAN	FEB	MAP	APR	MAY	-M-0-	JUL JUL	AUG	SEP	OCT	NOV	CEC	ALL MONTHS
76		0	D r:	0	G D	0	0	U n	g n	a	Q D	0	D	υ n
78	ij	0	6	ō	ō	ō	0	٥	٥	ů	ō	٥	õ	ő
79 20		TRACE 0	D D	o o	<i>D</i>	0	0	0	0	0	0	0	0	D I
81 82			0	0	n o	0	0 0	a O	0	0	0	0	0	o a
P 3		0	ū ū	n o	0 C	0 0	ο 0	g U	Q D	Ω Ο	0	ວ ນ	0	0
85 66	1	Ó	ŗ	D O	0	0	a	0	C	0	0	O	0	J
		•••••••		• • • • • • • • • • • • • • • • • • • •	•••••	•••••	•••••	•••••					• • • • • • • • • • • • • • • • • • • •	
MEAN S.D. Total ob	- 1	.640 1226	.0 .158 1130	TRACE .000 1260	.00C 1230	.000 1271	.000 1230	.0 .000 1271	.000 1271	.0 .000 1700	.000 1209	.000 1170	.160 1209	.688 14677

NOTE * (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk () is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTES value is presented when every month of the year has valid observations. Heans and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTES.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circuler N), "peak gust data are recorded only at atations with continuous instantaneous wind-apeed recorders."

#2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

EXTREME VALUES OF SURFACE WINDS (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723965 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 49-51, 59-86

			•••	•••	• • •				• • • •	••••		AILY	PEA	K GU	STS	IN K	NOTS										
1											-			-N-T			_									AI	.L
YEAR		JAN	•		EBI				APRI		MAY (JUNI		JUL		AUS I		SEPI		CTI		NOVI		ECI	MON	-
49			ls		351	ESE	*34	N	291		ł	S 5 ×	351		1	NNW	291	S	35 l	SSW	391	SW	351	NW	451		
5G	WS:	51	l N	¥	391	SW	49	SW	431	SW	491	S₩	481	SF	421	SW	431	SW	43	SSW	401	NE	431	m S w	31	WSW	51
51	S	44	i s		361	NW	45	₩.	471	S₩	44	SSE	341	WSW	561	Ε	63	NE	36 l	2₩	331	NE	#40		ĺ		
59 (i		- 1		- 1		Į.		ı						- 1			ANA				MMR			
60 i	NW	28	i w	NW	511	NΝ	44	5 S W	411	NNE	421	MNM	441	SE	361	Ε	451	SE	351	N	451	SSw	381	NW	38	RNR	51
61 1	NNI	21	l N	¥	511	ENE	50	S₩	44)	WNW	381	SSW	321	NW	401	WNW	36 l	S	371	WNW	391	SSE	381	N	34 [NW	51
62																							35		291	WNW	52
63	SE	41	1 5		37 j	S S .	44	5 5 E	421	NW	44	SS₩	411	SSW	401	SE	531	WSW					351	SW	351	SE	
64 }	S w	37	l W	NW	511	h N h	45	wN-	421	SW	421	SSW	591	SE	361	SSE	381	N	391	SSE	321	¥	44	NE	38	SSW	59
65 J	NW	54	i w	NW	431	NNE	38	554	381	WNW	481	S	391	S	#291	S	371	N	38	S	321	S	341	SW	38	NW	54
66	l w	*47	l N	E *	251	ENE	42	NNE	461	SSE	421	WSW	381	S	541	S	331	SΕ	511	WNW	40]	S	341	S	411	S	54
67 1	NH	40	i s	SW	531	W	42	S	441	S	411	w	441	SSE	371	5₩	491	NNE	351	NNE	431	w	311	NNE	441	SSW	53
68 1	SS	33	l N	NE	321	WNW	41	NNW	461	S 5 W	36	SW	371	207	371	24/	371	6/	38	21/	341	2/	371	22/	44	NNW	46
69	22.	39	1 1	7/	421	30/	48	26/	531	19/	341	19/	431	5/	401	13/	431	19/	341	36/	451	31/	341	35/	371	26/	53
70	30.	41	1 1	9/	391	36/	47	22/	521	21/	401	19/	421	17/	431	3/	501	19/	52 [31/	391	17/	371	21/	381	22/	52
71 (19,	48	1 2	9/	461	307	48	24/	471	201	581	21/	451	2/	481	35/	471	29/	461	19/	401	21/	341	22/	401	20/	58
72 1	3 .	46	t	3/	341	22/	35	31/	42	291	431	23/	321	27	511	6/	491	31/	291	4/	401	32/	301	32/	421	2/	51
73 1	3 .	42	1 1	7/	331	20/	35	21	501	5/	39	18/	361	61	34	14/	401	5/	371	31/	471	31/	401	30/	391	2/	50
74	29	43	1 3	21	481	22/	51	32/	45	23/	481	20/	431	3/	581	26/	351	4/	321	27/	451	32/	261	3/	321	3/	58
75	32.	40	1 2	9/	40)	31/	551	26/	421	287	481	32/	361	15/	401	26/	311	4/	321	21/	371	24/	421	5/	371	31/	55
76	30.	26	1 2	7/	47	22/	50	29/	4.9	10/	321	4/	371	19/	371	21/	341	16/	321	5/	301	2/	30	30/	28]	22/	50
77 1	16.	32	1 2	1/	461	25/	43	31/	401	221	381	18/	311	541	376	33/	361	21/	351	291	331	24/	401	23/	45 !	21/	46
78	31.	37	1 3	21	39 j	21/	35	21/	411	21/	421	23/	371	22/	361	3/	581	21/	391	21	261	30/	291	21	281	3/	58
79	4,	28	1 2	3/	3 C İ	19/	30	201	351	22*	401	21/	391	21	411	17/	341	221	29	20/	471	29/	421	2/	34	20/	47
63 I	19	44	1 2	٠,٠	53İ	36/	431	3/	421	21/	431	22/	391	207	611	21	371	17/	261	30/	371	24/	351	18/	261	20/	61
81	17,	32	1	2/	43Í	27/	451	221	391	22/	51	1/	371	207	321	3/	58	21	45	21/	391	31/	401	20/	351	3/	58
92 I																							451			29/	58
83 I																							461			24/	57
84 1	3 /	36	1 2	9/	511	30/	49	31/	471	21	421	36/	581	18/	611	11/	40 İ	11/	301	34/	36 l	22/	371	31/	431	18/	61
85																							401			20/	

CONTINUED ON NEXT PAGE....

NOTES * (PASED ON LESS THAN FULL MONTHS)
5 (PASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

EXTREME VALUES OF SURFACE WINDS (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 49-51, 59-86

-H-O-N-T-H-S- ALL YEAR JAN FEB MAR! APR MAY! JUN JUL AUG SEP! OCT! NOV! LEC! MONTHS 86 36/31 25/38 24/42 30/45 32/48 20/29 18/36 3/37 #EAN 38-1 42-3 44-3 43-3 42-6 39-7 42-3 41-5 37-7 38-1 36-9 37-21 53-6			• • • • • • • •	• • • • • • • •	• • • • • • • •			GUSTS I		•••••	••••••	•••••	• • • • • • • • •	•••••
86 36/31 25/38 24/42 30/45 32/48 20/29 18/36 3/37		•		• • • • •			JUNI	JULI	AUG [,		•	MONTHS
	86	36/ 311	25/ 381	247 421	30/ 451	32/ 481	20/ 29	18/ 361	3/ 37	ı	1	1	l.	
S.D. 1 7.997 7.328 5.695 4.764 5.606 6.879 8.451 8.513 7.522 5.442 4.962 6.517 4.551 TUTAL OBS 1 390 828 520 896 886 893 894 928 859 928 889 697 10708	ME AN S.D.	38.11 7.997	42.31 7.3281	44.31 5.695	43.3 4.764	42.61 5.606 j	39.71 6.8791	42.31 8.4511	41.5 8.513	37.71 7.5221	38.11 5.442}	36.91 4.9621	37.21 6.5171	53.6 4.551

NOTES * (BASED ON LESS THAN FULL MONTHS) . (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

STATION NUMBER: 723965 STATION NAME: NELLIS AFB NV

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

17-86

2.0

6.9

3.4

NAL : HTNCM HOURS(LST): 0000-0200 WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 41-47 DIRECTION 1 1-3 7-10 48-55 GE 56 TETAL MEAN WIND (DEGREES) I .3 .1 4.0 1.8 7.8 NNF 3.4 . 9 4.9 . 6 3.5 NE 3.5 2.4 1.6 • 4 0.6 4.8 • 2 6.0 5.0 ENE 2.2 2.3 1.4 £ 1.9 2.8 1.1 5.8 4.5 ESE 2.7 SE • 1 6.4 • 2 • 3 • 3 SSE • 2 . 8 . 3 S 10.4 .6 1.2 1.2 .6 • 3 • 3 7.9 SSW • 5 1.3 . 1 SW . 5 . 3 . 1 . 1 1.1 4.0 . 9 MSH . 3 1.2 2.6 • 2 1.6 . 4 . 1 2.5 4.6 • 1 1.4 . 2 . 3 . 4 5.4 WAR 2.4

VARIAPLE CALM 44.2 ///// TOTALS 8.5 4.9 100.0 3.0

TOTAL NUMBER OF OBSERVATIONS:

. 9

1.6

· i

• 3

. 2

N W

NNW

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER	?: 723965	STATION	NAME:	NELLIS A	FB NV				PERIOD HONTH:	OF RECOR		-86 T): 0300-	0500
DIRECTION (DEGREES)		4-6	7-10			D SPEED	IN KNOTS 28-33	i	41-47	48-55	GE 56	TCTAL 2	MEAN WIND
N	3.4	2 • 2	.5	•2	•••••	••••••			•••••	• • • • • • •	•••••	6.3	3.9
NNE	4.5	1.1	•5	• 2								6.3	3.4
NE I	2.9	2 • 2	1.0	. 5	-1							7.6	5 • 5
ENF	1.8	1.9	2 • 2	. 2	.1							6.2	. 5.8
£	2.4	2.3	1.0									5.6	4 • 1
ESE	1.1	. 4										1.5	3.0
2.6	.8	.6	• 2	1.		- 1						1.8	5.9
SSF	.3	. 1	• 3	. 4		- 1						1.3	9.3
S	.9	.4	. 4	1.2	. 8	.5						4.2	12.2
55#	1.3	. 3	- 1	• 2	.2							2 • 2	5 • 8
2 W	1.6	.6										2.3	2.9
M2M	.5	. 1										•6	2 • 2
u	1.1	.4										1.5	2.9
unu l	1.4	. 1	• 2	• 1	. 1							1.9	4.6
NH	1.9	. 4	. 4	. 4								3.2	4.6
NNN	1.8	1.2	• 2	• 2								3.4	4.2
VAN TAPLE		• • • • • • •	• • • • • • •	•••••	•••••	•••••		•••••	•••••		• • • • • • • •		• • • • • • • • • • • • • • • • • • • •
CAL#	////////	,,,,,,,,	,,,,,,,	11111111	,,,,,,,	///////	,,,,,,,,	,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,	43.9	/////
TOTALS	27.7		8.1		1.3	۰,۵						100.D	2.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

.....

STATION NUMBER	R: 723865	STATION	NAME:	NELLIS A	FB NV				PERIOD (): 77- HOURS(LST		0000
• • • • • • • • • • • • • • • • • • • •				• • • • • • • •			IN KNOTS		•••••	• • • • • • •	• • • • • • • •	••••	• • • • • • • • • • • • • • • • • • • •
DIRECTION LUFGREES!	t	4-6	7-10		17-21	22-27	28-33	34-40				*	MEAN Wind
N	3.?	1.6			• • • • • • •	•••••	• • • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	5.6	3.9
	į												
NNE	} 2.4	1.2	• 8	. 4	• 1							4.9	5.1
NE	3.4	1.1	1.4	.4								6.3	4.6
ENE	3.3	1.8	1.8									7.0	4.6
٤	2.3	1.5	• 6									4.2	3.9
ESE	, .8	• 3		- 1								1.2	4 • 0
SE	1.1	• 3	. 4									1.8	3.6
SSE	.8	• 3	. 4	• 3	• 2							2.9	7.3
S	1.7	. 4	• 6	1.2	. 4	. 5						4.2	11.3
\$ 5 ¥	1.0	. 4	. 4	- 1								1.9	4.6
S W	1.0	. 4	• 2									1.6	3.3
ws w	1.0	• 4										1.4	2.5
	1.2	•2	• 1	-1								1.6	3.5
มหม	1.1	• 3		• 3	• 1							1.8	5.9
N.W	1.8	• ?	• 2	• 3	•1							2.7	4.7
พพพ	1.4	•1	- 1	• 2								1.8	4.0
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • •						• • • • • • • • •						
VARIABLE													
CALM	,,,,,,,,	////////	111111	,,,,,,,,,	((((()	///////	/////////	,,,,,,	///////	11111111	1111111	49.9	111111
TOTALS	26.3	10.8	7.5	4.0	1.7	•5						100.0	2.5
• • • • • • • • • • • • • • • • • • • •	<i></i>												

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUGHLY OBSERVATIONS

100.0

3.4

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86

MONTH: JAN HOURS(LST): 0900-1100 | WIND SPEED TN KNOTS | DIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 48-55 GE 56 34-40 41-47 TOTAL MEAN (DEGFEES) 1 WIND 7.0 NNE .8 . 9 1.9 1.0 4.7 8.2 . 1 • 1 1.0 1.7 5.7 N E 1.8 1.2 5.5 5.9 ENE 1.4 1.7 1.9 E 1.6 2.3 1.1 . 1 5.1 4.7 ESE . 2 . 3 1.6 7.6 .6 • Z . 1 . 1 2.3 6.1 SE . 8 •6 . 3 . 1 . 5 . 3 2.2 €.4 SSE . 9 • 2 • 2 S 3.2 1.3 .9 . 4 • 3 . I 6.5 6.3 55 🛮 3.4 • 5 • 5 . 1 6.1 5.6 2.7 1.7 . 1 5.2 4.2 . 1 2.2 3.2 • 1 .8 2.0 4.5 1.0 . 2 • 2 . 1 1.6 6.6 . 1 NV . 4 1.2 7.4 • 2 • 3 . 1 . 1 NNV . 2 • 2 • 2 1.3 5.2 . 6 CALM

• 3

TOTAL NUMBER OF OBSERVATIONS: 230

TOTALS

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECOPD: PERIOD OF RECOPD: 77-86
MONTH: JAN HOURS(LST): 1200-1400

NIND SPEED IN NNOTS

DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN
(DEGREES) | (DEGREFS) | WIND N 9.1 1.8 • 5 1.7 1.4 2.1 ٠ ١ 2.6 7.8 8.4 NE 1.5 2.3 4.6 2.0 10.4 7.6 . 9 . 9 ENE 3.2 3.3 8.3 6.8 Ε 2.2 3.5 2.2 • 2 8.1 5.2 ESF 1.4 . 9 . : . 3 . 1 2.9 5.0 S F 1.0 . 5 . 4 . 2 • 1 2.3 5.9 SSE 1.6 . 8 . i • 2 2.7 4.2 s 2.2 1.0 . 6 1.0 . 4 8.9 ٠2 . 2 4.3 5.6 6.7 • 3 • 2 . 8 • 2 5.1 ٠1 1.9 WNW 1 - 1 . 1 . 2 .2 . 3 1.9 8.4 1.9 . 5 . 4 NW . 1 5.0 2.0 UNW . 1 3.3 CALM 29.0 ///// TOTALS 24.0 16.2 9.5 3.2 100.0 4.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

77-86

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

FASTUR NUMBER	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	31211011							HONTH:	JAN	HOURS (LS	TJ: 1500-	1700
DIRECTION (COEGREES)	1-3	4-6	7-10	11-16	WII 17-21	10 SPEED 22-27	IN KNOTS			48-55	GE 56	TOTAL	MEAN WIND
N .	. 9	1.1	1.3	.9	-1	• 1		• • • • • • •	•••••	•••••		4.3	7.8
NNE	• 6	1.7	1.7	2.2	. 1	. 3						6.7	9.2
NE	2 • 6	5 . I	6.2	1.3								15.2	6.5
ENE	3.0	4.8	4.3	. 2								12.4	5.5
E	3.4	4.2	• 9									8.5	3.9
ESF	1 • 1	1.4	. 3	. 4								3.2	5.3
S.E.	. 8	. 3	. e	• 2								2.0	5.7
55.5	1.3	.6	.3	. 3	.8							3.3	7.9
5	2 • 2	. 9	. 1	. 9	.9	• 3						5.2	8.9
554	1.9	• 5	. 4	. 9	. 1							3.9	6.3
S#	1.8	• 1	. 1	• 2	. 4							2.7	5.8
HSH I	. •	• 1	• 2	. 5								1.7	6.8
. !	1.3	. ?	•2	• 2	.1	• 1						2.3	6.3
HNH }	1.1	. 8	• 2	. 3								2.4	5.3
NE !	•8	. 1	. 4	.4								1.7	6.4
NNW I	. 4	• 1										.5	2 • 6
VAR TABLE 1		• • • • • • •	• • • • • • •		•••••	• • • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • • •	••••••
CALM	(((((((////////	///////	11111111	//////	,,,,,,,,	////////	1111111	///////	,,,,,,,	///////	24.1	111111
TOTALS	24.0	22.2	17.5	8.9	2.5	. 9						100.0	4.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY ORSERVATIONS

TION NUMPER:	723865	STATION	NAME:	NELLIS A	FB NV				PERIOD MONTH:	OF RECOR		-86 T: 18JO-	2000
DIRECTION CUEGREES)	1-3	4-6	7-10	11-16	17-21	ND SPEED 22-27	IN KNOT		41-47	48-55		TOTAL	MEAN WING
N į	7.0	2.9	.5	.2	•••••	•••••			••••••	••••••		10.6	3.2
NNE	6 - 1	3.1	1.3	.6	• 2	-1						11.5	4.7
NE I	6 • 1	4.3	2.0	• 5	.1							13.1	4.5
ENE !	4 • 2	5.3	2.0									11.5	4.3
E	2 • 3	2.6	1.0									5.8	4.5
ESE	• 5	. 4	• 2	• 2								1.4	5.8
3.5	•4	. 4	• 5	• 2								1.6	6.2
322	• 3	. 3	•5	.8	•2							2.2	10.2
s	• 4	• 2	1.3	1.6	. 3	• 1	. 1					4 - 1	11.2
SS W	•2	.1	. 3	• 3	-1							1.1	9.3
S 14	.5	•2	. 3	• 1	•1							1.3	7.1
MZM	•1	. 1	• 2									.4	5.8
u }	.8	.1	. 4	• 2		- 1		.1				1.7	8.9
שאש	.1	. 2	. 3	+1								• R	7.0
NN I	1.1	. 9	• 3	•1								2.4	4.6
Nte W	1.9	. 4	• 5		•1							3.0	4.3
SJEALBE		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •		•••••	•••••	•••••	• • • • • • • • •	
CAL M	,,,,,,,,,	,,,,,,,	,,,,,,,,,	,,,,,,,,	11/1///	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	27.5	111111
TOTALS	32.2	21.6	11.9	5.1	1.2	. 3	. 1	. 1				100.0	3.7

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

77-86

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

MEAN (DEGPIES) 1 WIND 9 7.6 3 . 8 1.6 NNE 4.9 2.4 . 8 ٠2 - 1 8 . 8 4.5 3.7 2.0 • 3 . 1 10.9 4.9 ٧£ 4.7 • 3 6.9 4.6 . 8 ENE 2.5 3.3 4.7 4.3 Ε 1.8 2.4 . 5 2.6 FSF 1.0 . 2 7.6 • 3 . 8 > F • 3 . 1 2.7 SSE • 2 . 5 . 5 1.1 . 3 10.6 . 3 3.3 10.2 . 3 . 6 1.4 . 7 . 1 • 2 1.9 6.6 1.5 3.4 ٠5 3.4 WS W . 2 • 5 • 2 2.2 6.9 1.1 5.0 1.6 • 2 . 1 • 1 WNW 1.1 . 1 3.4 N L 1.1 . 6 . 1 1.8 2.9 3.9 NNE • 1 . 3 VARIABLE 40.6 ////// CALM 100.0 3.0 5.6 1.4 . 2 TOTALS 6.8

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PEPIOD OF RECORD: HONTH: JAN HOURS (LST): WIND SPEED IN KNOTS 7-10 11-16 17-21 22-27 28-33 3 DIPECTION 34-40 41-47 48-55 GE 56 TOTAL MEAN IDEBPEES) 1 1 WIND 4.9 N 1.5 . 5 - 1 . 1 6.5 NNE 3 • 1 1.5 1.2 1.0 . 1 - 1 7.0 5.8 9.7 5.7 NE 3 • 2 2.9 2.7 . 8 .0 ENE 2 • 4 2.2 . 3 • 0 8.0 5 . 3 E 2 • 2 ٠0 6.0 4 . 4 • D .0 1.9 . 6 • 2 ESE .7 . 4 . 4 . 2 - 1 • C 1.7 5 . 8 SF . 3 2.3 8 . 4 .7 . 4 . 5 . 1 SSE • 3 . 7 1.1 . 3 • 0 9.6 5 1.4 . 6 •6 6.0 5 S W 1.4 . 6 . 2 . 4 . 2 .0 .0 2.8 • 5 • 1 . 2 . 1 - 0 2.4 4.8 3 % 1.4 WSW • 8 • 2 . 1 . 1 .0 1.2 4.2 • 2 . 2 . 1 • C .0 2.0 5.4 1.7 • 5 • 1 . 1 • G 1.8 5.9 • 3 • 2 . 1 ٠. 2.1 5.2 1.1 .0 1.3 - 1 VANIAPLE 37.8 /////

PERLENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

STATION NUMBER	R: 723865	STATION	NAME:						PERIOD MONTH:	OF RECOR		.86 }: 0000-	0200
• • • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	•••••	• • • • • • • •	••••••		D SPEED	IN KNOTS	• • • • • •	•••••	• • • • • • • •	• • • • • • • •	• • • • • • • •	•••••
DIPECTION (DFSPEES)		4-6	7-1C	11-16			28-33	34-40	41-47	48-55	GE 56	T(TAL	MEAN WIND
is	4.0	1.9	1.7	.5	.1	. 1	• • • • • • • • •		•••••	• • • • • • • •		8.3	5.2
NNE	3.5	2.4	. 9	.6	- 1							7.6	4.8
N.F.	2 • 7	3.5	2.5	. 8	•1							9.7	5.7
ENE	2.7	2 • 5	2.0									7.2	4.9
£	2.5	2.2	. 7									5.4	4.0
ESE	.7	• 8										1.5	3.7
S E	6	• 5	. 4	• 2								1.7	6 • 3
SSE] .4	• 1	• 2	• 5	• 2							1.4	9.4
s	1.3	• 2	1.3	2.7	.9	. 1						6.6	10.7
?sw	.6	. 6	•6	•6	• 2							2.6	8 • 5
5 F		• B		. 4	• 2							2 • 2	6.7
W 2 W	. 4	. 1	• 1									•6	3.2
	.8	. 7	. 4	• 1								2.0	4 + 5
444	1.5	. 4	. 4	• 1	. 1	. 1	. 1					2.7	6.7
% ii	1.7	• 5	. 1	• F,		- 1						2 • 4	6.0
fore W	1.8	• 9	. 4									3.0	3 • 4
VAR JAPLE		• • • • • • • •		• • • • • • • • • • • • • • • • • • • •		• • • • • • •				• • • • • • •			
	l							,,,,,,		,,,,,,.		v	,,,,,,
(AL P	<i> </i>		,,,,,,,,,	,,,,,,,,	,,,,,,,,	///////////////////////////////////////		,,,,,,	////////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,	55.1	(1111)
TOTAL!	25.5	18.1	11.6	7.0	2 • 1	• K	. 1					160.0	3 • ¥

PLACENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FRO™ HOUNLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE NV

PERIOD OF RECORD: 77-86

MONTH: FER HOURS(LST): 0300-0500

WIND SPEEP IN KNOTS

• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • •	•••••		ND SPEED	IN KNOTS	· · · · · · · · · · · · · · · · · · ·	• • • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••
DIRECTION (DEUREES)		4 - 6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL 2	MEAN W1ND
N	5.8	1.9	.6	. 4	.2	• • • • • • •	• • • • • • •		• • • • • • • •	• • • • • • • •	•••••	8.7	4.0
NNE	4.0	1.8	1.4	.6		- 1						7.9	4.8
N E	2.5	2.6	1.7	• 5								7.3	5 • 2
ENE	2.6	2.6	2 • D									7.2	4 • 6
£.	2.5	.6	. 7									3.8	3.8
€aF	1.1	.6	• 5									2.1	4.2
S E	.7	• 2	. 6	• 5								2.0	7.2
5.5 F	.7	• 1	• 2	.6								1.7	7.5
á	1.1	. 1	. 8	? • 2	•5							5.7	10.7
SSW	. 4	. 4	. 6	. 4								1.7	7.5
2 H	.7	. 4	• ?	. 4								1.7	5.6
HS H	.9	•2				• 1						1 • 3	4.4
	. 9	. 0	• 1	. 4	- 1							2.5	5 • 9
WNW	1.7	. 4	. 1	. 4	• 2	• 2						3.0	6.9
NW	1.5	. 5	• 5	• 1	. 4							3.1	6.0
MN W	2.0	• 2	. 4	• 1								2.7	3 • 4
VAH TA ^ LF	! !	• • • • • • •			• • • • • • •	•••••		• • • • • • •	• • • • • • •	•••••	• • • • • • •		
CAL	,,,,,,,,,,	((((()))	,,,,,,,	11111111	//////	(1/1////	///////	(1/1/1/	,,,,,,,,	,,,,,,,	,,,,,,,	37.7	/////
TOTAL	l 29.2 	13.5	10.4	7.3	1 • 4	• •						100.0	3.5
	• • • • • • • • •		• • • • • • •	• • • • • • • •	•••••					• • • • • • •	• • • • • • •		

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 77-86
MONTH: FE6 HOURS(LST): 0630-0800

• • • • • • • • • • • • • • • • • • • •		• • • • • • •		• • • • • • • •		ND SPEED	TH KNOTS	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • • •	
UIRECTIUN (UFGEGES)		4-6	7-10	11-16	17-21		28-33	34-40	41-47	48-55	GE 56	TCTAL	MEAN WINU
N.	3.0	1.3	. 9	. 4	.1	• • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • • •		5.6	4.6
HNF	t 1 3.0	• 6	.2	• 1	. 1							4.0	3.5
NE	l 1 2.4	1.7	2.1	. 1								6.3	5.2
ENF	 1.4	2.5	1.4	- 1								5.4	5.3
Ł	l l 2•5	. 6	. 4									3.4	3 • 1
53F	 •9	. 4	. 1									1.4	3.7
SF	1 •2		• 5	• 2								.9	€.0
:51	! .9	• 1	. f-	• 5	• 2							2.4	A • D
3	l 1 1+3	•2	1 • €	2.6	.9	.7						7.1	10.8
55 ₩	l ! .7	• 6	•:	. 4								1.9	5.8
S 6	! ! 1.5	c,			. 1							2.1	3.4
س د س	!	.6	• 1									1.5	3.8
	 	• ?	.7		. 1							2.6	3.3
9 N S	† .?	1.4	• 1		•2	• 5						3.2	8.4
14.74	·	.6	. 4	• 6								2.5	6 - 1
* ***	l ! 1.2	• 7	. 7	• 1								2.8	4.5
	l ••••••••							· · · · · · · · ·					
VARIABLE	! !												
(# L M	1////////	////////	11111111	////////	1111111	(1111111	///////	////////	,,,,,,,	///////	///////	46.A	/////
TOTAL	24.3 	11.5	5.7	٠ - 1	1.9	• 7						170.0	3.1
		<i>.</i>		<i>.</i>				• • • • • • •					

TOTAL NUMBER OF GREENWATIONS:

PEPCENTAGE FREWUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBE	P: 723865	OLTATE	. RAME:	_					HONTH:		HOURS (LS1	-86 []: U950-	1100
DIPECTION (UFURIFS)		4-6	7-10	11-16	#IN 17-21	D SPEED	IN KNOTS 28-33			48-55	GE 56	TCTAL 2	MEAN Winu
N	.9		1.4	1.7	.1	• • • • • • •	• • • • • • • • •	• • • • • • •		••••••	••••••	5.0	8.7
MAE	• 7	• 8	2.4	1 - 3	• 2	• 2	.1					5.8	9.8
f⊌ F	.7	1.5	3.4	1.7								7.6	8 • 2
E % E	1.7	2.0	3. '	. £								7.6	6.5
Ł	2.1	1.9	1.4	. 5								6.0	5.6
ESE	1 1.3	. 4										2.2	4.0
5 F	1	. 5	. 4	. 1								1.5	5.5
°51	1.1	. 4	. ,	• 5	.5							3.1	8 • D
>	1 3.0	1.4		1.5	1.5	. 4	• .1	.1				8.6	9.6
55 a	! ! 3.4	. P		. 9	•2	• 1						5.6	5.2
ა ∎	1 3.2	1.3	• 6		• 2							5.0	3.8
hэш	1 .2	. 5	• ĉ	. 1								1.9	4 • 1
	l l 1.5	• ?	• ?									2.0	2 • 8
유민교	1.1	•?	. 5	. 4	. 4	. 7						3.2	11.5
***	1 .6	• 7	. 4	. 4	•1	• 7	. 1					2.5	9.4
*2 *4	1.1	.5	. 1	-	-	- ,						1.7	3.6
	i											1.,	3.6
VARIAPLE	1					• • • • • • •	••••••	• • • • • •		• • • • • • • •	•••••	••••••	,
CALV		///////	///////	,,,,,,,,	///////	///////	11111111	//////	,,,,,,,,	,,,,,,,	,,,,,,,	30.9	/////
#01 * L1	23.9	13.9	16.0	9.9	3.3	1.7	. 4	.1				100.0	5.0
	• • • • • • • • • •	• • • • • • • •						• • • • • • •					

TOTAL WIMPER OF ORSERVATIONS:

ULUBAL CLIMATOLOGY BRANCH PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM HOURLY OBSERVATIONS

									MONTH:	_	–	1): 1200-	
IRECTION DEGREES)	1-3	4-6	7-10	11-16	17-21	D SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL %	ME AN
N .	1.1	. 9	.5		.4	. 1		• • • • • •	•••••	• • • • • • •	•••••	4.7	9.0
NNE	1 • 2	1.8	3.7	2.4	. 4	. 1						9.5	8.9
NE !	2.0	4.1	6.1	1.9	.4							14.5	7.5
ENE	1.9	3.4	5 . C	2.1								12.4	7.2
-	2.7	4 • 8	3 • 0	.7								11.2	5.6
ESE	1.9	1.7	1.3	• 2	•.2							5 • 3	5.9
S.E.	.8	• 7	1.1									2.6	5.4
SSE	1.9	. 5	. 6	. 4		. 1						3 • 4	5.5
S I	1.8	. 9	٩.	. 8	• 2	• 1						4.7	6.9
SSW I	.0	. 9	.9	. 7	1	.5	• 2					5 . 3	11.6
S ¥ 1	1.4	. 1	. 1	•6	• 5	• 2			•1			3 • 1	10.9
W.c₩	1.2	.5	• 1	. 1	•1	.5			• 1			2 • 6	9.7
w	1.1	• 2	• 1	. 4	•2							2.0	6.9
909	.8	• ?	. 4	• 6	•6	. 7						3.3	12.7
NW	•6	. 4	• 1	- 1	•1							1.3	5.5
NAM	• 1	. 4	.5	•1								1.1	6.3
VARIABLE		•••••	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •		•••••	•••••	• • • • • • •	•••••	••••••	•••••
CALM !	,,,,,,,,,	///////	///////	11111111	///////	///////	,,,,,,,,	,,,,,,	///////	,,,,,,,	11111111	12.9	/////
TOTALS	21.4	21.6	24.2	12.9	4.1	2.4	• 2		• 2			100.0	6.7

PEFCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

TION NUMBER	1: 723865	STATION	NAME:	NELLIS A	FB NV				PERIOD MONTH:	OF RECOR FEB		-86 T): 1500-	1700
UIRECTTON COEGRSES)		4-t	7-10		17-21	22-27	IN KNOTS 28-33	34-40	41-47		GE 56	TOTAL	MEAN WIND
N	.5	1.7	1.4	1.3	.1	• • • • • • • •	• • • • • • • •	•••••	•••••	••••••	•••••	4.6	8.5
NNF	1.7	î.4	3.5	2.0	•1	. 1						9.8	7.4
N.F.	2 • 4	5.⊓	6.6	. 9								14.9	6.5
ENE	2 • A	4 . A	3 . ?	• 5								11.5	5.4
	3.2	5.2	1.9	. 8								11.0	5 • 3
ESE !	1.5	1.2	1.7	.5	• 2							5 • 1	6.4
se i	• 5	٠٩	1.7	. 4								3 • 3	7.1
555	. •	• 8	. 7	• 1								2.6	5.1
5	1 • 9	. 9	. 4	.8	• 5	.2						4.5	8.1
<2 h	1 • 9	- 8	. 6	1.4	. 7	. 4	• 2					5 • 9	10.4
S w	. 7	.6	• 5	. 8	1.1	. 4						4 • 0	11.6
424	•6	. 4	. 7	• 2	. 4	• ?						2.5	10.0
	1 - 1	. 4	- 1	• 5	. 1	• 1						2 • 2	7 - 4
- WN -	. •	. 1	• 1	• 2	•2							1.7	6.7
74	. 4	. 4	• 1	• 5	. 1	• 1						1.5	9.8
N9 # 1	•?	. 4	. 4	• 1		• 1						1.2	8 • 1
VARIALLE	• • • • • • • •	••••••		••••••	•••••	• • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • • • •	•••••
CALM	////////	,,,,,,,	,,,,,,,	///////	///////	///////	,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,,	13.7	111111
TOTALS	20.9	25.3	23.5	11.1	3.5	1.7	• 2					100.0	6.2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

Discrition 1-3	STATION NUMBER	R: 723865	STATION	NAME:	NELLIS A					PERIOD MONTH:		D: 77- HOURS(LS)		2000
HNF 5.7 3.7 1.7 .7 11.7 4.3 NE 5.6 5.4 2.4 .4 13.7 4.5 ENF 4.6 4.1 .9 .1 9.8 4.1 E 2.0 2.1 .9 .1 1.7 5.6 SE .4 .5 .5 .4 .1 1.8 7.5 SSF .6 .9 .5 .2 2.2 5.9 S .7 .9 2.5 2.1 .8 .2 7.3 10.5 SSW .6 .2 1.1 1.3 .4 .1 3.7 10.3 SN .8 .1 .4 .5 11.8 9.6 WSW .6 .5 .1 .4 .5 11.8 9.6 WSW .7 .2 .5 .4 1 .1 1.5 6.2 ### .9 .2 .5 .4 1 .1 1.7 7.2 NNW .7 .2 .5 .4 2.0 6.0 WARTAFLE CALP .7 .7 .7 .7 WARTAFLE .7 .7 .7 .7 WARTAFLE .7 .7 .7 .7 .7 .7 WARTAFLE .7 .7 .7 .7 .7 .7 WARTAFLE .7 .7 .7 .7 .7 .7 WARTAFLE .7 .7 .7 .7 .7 .7 .7 WARTAFLE .7 .7 .7 .7 .7 .7 .7 WARTAFLE .7 .7 .7 .7 .7 .7 .7 .			4-6	7-1G	11-16	WI	D SPEED			41-47	48-55	GE 56		
NE	N I	. 6.C	4.1	1.5	.5	•••••	• • • • • • •	• • • • • • • •	•••••		• • • • • • •	•••••	12.2	4 • 1
ENF	MNE	5.7	3.7	1.7	.7								11.7	4 • 3
E 2.0 2.1 .9 5.1 4.2 FSE .6 .4 .6 .1 1.7 5.6 SE .4 .5 .5 .4 .1 1.8 7.5 SSF .6 .9 .5 .2 2.2 5.9 S .7 .9 2.5 2.1 .8 .2 7.3 10.5 SSV .6 .2 1.1 1.3 .4 .1 3.7 10.3 SN .8 .1 .4 .5 .5 .1 .4 .1 3.7 10.3 SN .6 .2 1.1 1.3 .4 .1 1.3 9.6 MSV .6 .5 .1 .4 .1 .4 .5 1.8 9.6 MSV .7 .2 .5 .1 .4 .1 1.7 7.2 NN .7 .2 .5 .4 .1 .1 1.7 7.2 NN .9 .2 .5 .4 .1 .1 .1 1.7 7.2 NN .9 .2 .5 .4 .1 .1 .1 1.7 7.2 NN .9 .2 .5 .4 .1 .1 .1 1.7 7.2 NN .9 .2 .5 .4 .1 .1 .1 1.7 7.2 NN .9 .2 .5 .6 .0 .1 .1 .1 1.7 7.2 VARIABLE CALP	N-E	5.6	5.4	2.4	.4								13.7	4.5
FSE	ENF	4.6	4.1	. 9	•1								9.8	4.1
SE	E	2.0	2.1	. 9									5.1	4.2
SSF	ESE	.6	. 4	. 6	•1								1.7	5.6
S .7	SE	! .4	.5	. 5	.4	• 1							1.8	7.5
SSW .6 .2 1.1 1.3 .4 .1 3.7 10.3 Sh .8 .1 .4 .5 1.8 9.6 MSW .6 .5 .1 .4 .5 1.5 6.2 MSW .7 .2 .5 .4 1.8 5.7 MNW .7 .2 .5 .1 .1 .1 1.7 7.2 Nb .9 .2 .5 .4 2.0 6.0 MSW 1.1 .8 .4 .4 .4 .4 2.6 6.0	SSF	.6	. 9	. 5	• 2								2.2	5.9
Sh .8	s	.7	.9	2.5	2 • 1	. 8	•2						7.3	10.5
WSW .6 .5 .1 .4 1.5 6.2 4 1.8 5.7 WNW .7 .2 .5 .1 .1 .1 1.7 7.2 NW .9 .2 .5 .4 2.0 6.0 VARIABLE CALF ///////////////////////////////////	2 S W	.6	• 2	1.1	1.3	. 4	. 1						3.7	10.3
# .º .2 .2 .4 1.8 5.7 WANTED .7 .2 .5 .1 .1 1.7 7.2 N.	S % [l .a		• 1	.4	.5							1.8	9.6
WAN	WSW	.6	.5	- 1	. 4								1.5	6.2
Nh .9 .2 .5 .4 2.0 6.0 NNN 1.1 .8 .4 .4 .4 2.6 6.0 CALM .///////////////////////////////////	•		. 2	• 2	. 4								1.8	5.7
VARIAFLE CALM ///////////////////////////////////	NN N	.7	• 2	. 5		- 1		- 1					1.7	7.2
VARIAFLE CALP ///////////////////////////////////	N b j	.9	• 2	• 5	. 4								2.0	6.0
CALF	พพพ	1.1	. я	. 4		.4							2.6	6.0
CALF		! :••••••	•••••											
	i	ĺ												
TOTAL! 31.8 24.5 14.7 7.2 2.2 .4 .1 100.0 4.5	İ	l							//////	71111111	,,,,,,,	,,,,,,,		
· ·	TOTAL:	31.8	24.5	14.3	7.2	2 • 2	. 4	• 1					100.0	4.5

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

MONTH: FEB HOURS(LST): 2100-2300 WIND SPEEC IN KNOTS 7-10 11-16 17-21 22-27 28-33 3 48-55 GE 56 TETAL DIRECTION 34-40 41-47 (DEGREES) 1 WIND N 4.5 2.0 1.1 • 6 5.0 2.7 ٠, . 2 10.4 5 . 1 NNE 1.5 3.9 1.5 . 2 10.2 4.3 4 . 6 NE 9.1 5 • Z 3 . 3 2.7 2.4 . 7 ENE 5.0 4 . D Ε 2.2 . e 1.9 . A 1.2 3.0 FSE • 2 . 1 ۶ŧ 1.2 • 2 • 1 • 2 . 1 1.9 5 . 4 • 2 • 6 . 4 . 9 • Z 2.4 9.4 . 9 2.2 . 7 . 1 8.0 10.5 • 5 10.2 5 S W . 1 . P 1 - 3 . 4 . 4 6.6 5 ₩ 4.0 . 7 • 2 • 2 45 W . 7 7.7 . 2 • 2 • 1 . 1 1.7 . 9 6.5 UNU . 1 . 4 . 1 . 1 7.1 . 7 . 4 . 2 . 1 2.4 Nw • 8 • 1 NNW . 2 VARIABLE CAL *```* 29.7 ///// TOTALS 100.0 4.2

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER	?: 723865								PERIOD MONTH:	FEB	HOURS (LS		
DIRECTION (DESPEES)		4-6	7-10	11-10	17-21	VD SPELD 22-27	IN KNOTS 28-33	34-40	41-47	48-55		TOTAL	MEAN WING
N	3.2	1.8	1.1	_9	.1	.0			• • • • • • • •	• • • • • • •	••••••	7.2	5.5
NNE	3.1	2.0	1.9	1.1	•1	. 1	•0					8 • 3	6.1
NE	2.0	3.5	3.3	• 8	-1							10.5	5.9
ENE	2.6	3.1	2.5	.5								8.8	5.5
£	2+5	2.4	1 - 2	. 3								6 • 4	4.8
rsr !	1 - 1	• 7	.6	. 1	• 1							2.6	5.1
\$ E	•6	. 4	. 6	• 3	•0							2.0	6.5
SSE	.8	. 4	• 5	• 5	•1	• 0						2 • 4	7.1
5 J	1.5	. 7	1.3	2 • 1	.8	• 2	•0	•0				6.6	9.9
SSW .	1.1	.7	.6	.8	. 4	. 1	• 1					3.8	9.0
S W	1 • 3	. 5	• 2	• 3	. 4	. [• 0			2.8	7.3
WS.W.	• 9	. 4	• ?	• 1	.1	. 1			.0			1.6	6.5
•	1.1	. 4	• 2	• 2	.1	٠,						2.0	5 • 3
WNW	1.1	. 4	. 3	. 2	• 3	٠ ٦	• 0					2.5	8.8
N.₩	.0	.5	. 3	• 3	. 1	. 1	.0					2 • 2	6.9
	1.1	• 5	• 3	• 1	•1	•0						2.1	4.7
VARTABLE I	••••••	••••••	• • • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	•••••
CALP [,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,,	///////	1111111	11111111	,,,,,,	///////	,,,,,,,	,,,,,,,,	28.3	/////
TOTALS	25.6	18.4	15.3	8.5	2.7	1.0	• 1	•0	•0			100.0	4.6

USAFETHER SERVICE/MAC

Carrena Million 2.	KATCCAUAC	•											
STATION NUMBER	723865	POITATE	NAME:	NELLIS A	FB NV				PERIOU HONTH:	OF RECOR		-86 T): 0000-	0200
• • • • • • • • • • • •	• • • • • • • •	•••••	• • • • • •	• • • • • • • • •			D IN KNOTS		••••••	• • • • • • • •	• • • • • • •	•••••	•••••
DIPECTION (DESPEES)		4-6	7-10	11-16					41-47	48-55	GE 56	TOTAL	MEAN Wind
۰	4.7	2.0		• • • • • • • • • • • • • • • • • • •	.3		• • • • • • • • • •	• • • • • • •	•••••	•••••	•••••	8.0	4.3
	1												-
NN" I	3.4	7.4	1 - 1	• 1	• 2							7 • 2	4.6
N.F.	2.7	2.3	1.3	. 3	- 1							6.7	5.0
ENF	3.2	2.4	1.6	• 1								7.3	4.5
E	1.9	1.8	• 6									4.6	4.4
FSF	•6	.6	• 9									2 • 2	5 • 1
5 F	• 4	. 1	• 3		• 2							1.1	7.5
SSF	1 • 2	• 5	. 4	1 • 2	• 2							3 • 5	8.1
٤	1 • 3	1.3	3.4	3 . 3	1.5	•:	?					11-1	10.6
55 h	.9	• 9	1.4	1.3	• 3	•	<u> </u>	- 1				5.5	11.1
S₩ I	1.7	• 8	• 3	. 4	. 4	•	3					3 • 2	9.1
M2.M	•6	• 1		. 4								1.2	6.5
•	1 • 1	. 1		• 2	• 2		• 1					1.7	7.6
ene i	.6	• 5		.5	. 1	•	2					5 • 2	9.5
n 6	• 9	• 5	. 9	. 9	• 1	•	?					3.4	8 • 4
ena i	.8	• 9	. 3		. 1							2.0	5 • 2
VARIABLE !		••••••	• • • • • • •		•••••	• • • • • • •	• • • • • • • • •	•••••	•••••	••••••	• • • • • • •	••••••	
CAL" !	,,,,,,,,,	,,,,,,,,	//////	,,,,,,,,	1111111	(11111)	,,,,,,,,,	111111	,,,,,,,,	,,,,,,,,	,,,,,,,	29.2	/////
TOTAL S	25.4	17.2	13.3	9.1	3.9	1.	5 .1	. 1				100.0	4.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE AIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

ATION NUMBER									MONTH:		HOURS (LS	7): 0300-	
DIRECTION COESPEES)	1-3	4-6	7-10			D SPEEN 22-27	TN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL 3	MEAN UNIW
h]	4.4	1.7	. 5	.4	•1	•••••	• • • • • • • •	• • • • • •		• • • • • • •		6.9	4 - 2
NNF 1	2.7	3.1	.6	. 4								6.9	4.7
NE I	3 • 1	3 . 3	1 - 4	. 3								8.2	4.7
ENE	3 • 4	3.3	1.2	• 2								8.2	4.3
E !	1.8	1.9	. 4	•2								4.4	4.5
FSr	• 8	. 5	• 2									1.5	3.8
5E	• 2	. 3	• 1	• 2								.9	6.4
271	. 4		• 6	1.0	.8							2.9	11.9
5	.9	1.9	2 • 5	3 • 7	. 9	. 3	• 2					9.4	11.8
\$\$\\	1.0	• A	. 5	1.1	. 3							3.7	8.7
2 M	•6	, 5	• 1	• 3	• 3	•7						2 • 2	9.4
424	1 • 1	. 3	. 4	-1								1.9	4.5
	1 - 3	.6		-1	. 3							2 • 4	5 • 6
HAM [1 • 3	.5	• 3	.4	• 3							2.9	7.0
NW	. 9	• A	٠.	. 0	• 2							3.2	7.8
177 P	1.5	, 4	. 5	. 4								2.9	5.0
VARTAPLE !		•••••	• • • • • • •	• • • • • • • •	•••••	• • • • • • •	•••••					• • • • • • • •	
CALP .	,,,,,,,,,	,,,,,,,	///////	1111111	///////	//////	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	//////	,,,,,,,,,	,,,,,,,,	:1111111	31.7	111111
TOTALS	25.3	18.7	10.5	9.8	3.2	.5	. 2					100.0	4.4

PEDCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: PLMIOD OF RECORD: 1/-85 MONTH: MAR HOURS(LST): U6JO-0800 WIND SPEED IN KNOTS 7-10 11-16 17-21 22-27 28-33 34-40 DIRECTION 1 - 3 7-10 41-47 48-55 GE 56 MEAN IDEGREES) 1 1 WIND N | 3.3 1.1 5.8 5.0 NNF 1 • 2 1.4 1.2 5.1 7.5 NE 2 • 5 1.6 1.2 5,7 5.0 ENE . 3 5.5 5.7 ٤ 2.0 • 5 3.9 . 3 . 2 5.4 \$ F . 9 . 3 . 3 1.4 3.9 1.0 . 2 . 5 • 5 . 4 2.7 8.2 s 1.8 2.0 1.5 3.5 . 9 . 4 10.5 10.7 SSW 2.4 1.0 1.0 1.7 . 5 • I 6.7 8.0 SW 1.2 1.0 . 2 . 1 . 2 2.8 5.8 WSW 1.2 . 2 1.4 2.5 . 8 . 2 . 3 • 2 7.2 HNW 1.0 . 3 . 5 • 2 10.0 21.00 . 3 . 8 . 2 2.9 7.7 NNW . 1 VANTAPLE CALM `*......* 36.6 //////

TOTALS 22.3 14.8 11.0 10.8 3.4 .9 .3 100.0 4.4

CLIMATOLOGY BRANCH AC ATHER SERVICE/MAC

PLACENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

I NUMBER	723865	STATION	NAME:						MONTH:	MAR		-86 T1: 0900-	1100
CFION EFERST		4-6	7-10		# I N	D SPEED	IN KNOTS 28-33			48~55	GE 56	TCTAL	MEAN Wind
!	1.5	.8	.5	1.2	.5		• • • • • • • • •	• • • • • •				4.5	8.2
E	.9	• 8	1.9	2 • 3	1.6	. 1						7.5	11.5
E	1.4	1.7	5.1	2.5	• 2							10.9	8.4
r	1.7	1.8	2.9	. 9								7.3	6.5
į	2.5	3.3	1.0	.4								7.2	4.9
[] F [1 • 3	• 2	• 3	•1								1.9	3 . 8
· !	1.1	.8	• €	. 8								3.2	6 • 5
! !	2.0	. 8	1.0	1.0	• 5		•					5.3	7.2
	2 • 8	1.4	1.2	3.7	1.9	1.2	. 1					12.6	11.2
. !	2.8	1.5	• B	1.6	1.3	. 3	• 1					8.4	9 • 1
•	1 - 4	.5	. 3	• 2	. 3	. 3	• 1					3.2	8.8
и <u>!</u>	1.1	. 3	• 1	• 2								1.7	4.5
ļ	•5	.6	• 2	• 5	. 1	• 2						2 . 3	9.4
. !	.,	• 3	.3	. 4	.9	.5						2.1	14.6
· !	. 9	. 4	• 1	• 8		. 3						2.5	9.5
. !	• 1	• 3	٠.٤			• 1						1.3	8 • 6
 IA: LF 			••••••				·····			· · · · · · · · · · · · · · · · · · ·		17-5	
£L5	22.3		17.1		7.3		•3		,,,,,			100.0	7.1
1	22.2	-	_				••••••					100.0	7.1

NUMBER OF OSSERVATIONS: 93C

GLOBAL CLIMATOLOGY BRANCH
USAFLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

INECTION DEGRESSI	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	ME AN
N [1.1		1.3	.6	5		.1	•••••	••••••	• • • • • • •		4.1	9.3
NNE I	. a	2.0	2.2	1.2	.4	.1						6.7	8.5
NF I	1 • 3	٠.6	3.8	2 • 3	. 1							10.0	8.0
ENE I	2 • 2	3.5	2.5	1.1								9.2	6.0
Ε	4.0	4.4	3.3	. 3								12.9	5.3
ESF I	1.9	2.5	1.7	. 4								6.5	5 • 4
SE I	1.4	1.4	. 9	. 3	• 2							4.2	5.9
SSF	.9	1.1	1.4	1.1	•2	• 2						4.6	8.9
5	1.2	1.1	. 8	3 • C	1.1	. 4						7.5	11.6
SSW !	.6	1.4	1.1	2.6	1.9	.8	• 1					8.5	13.3
Sw !	1.0	1.3	. 8	. 8	1.3	. 9	• 2					6.1	12.8
wsw	• 9	. 3	. 8	.6	.4	• 1						3.1	9.1
- !	.8	• P3	1.0	1.1	.4		• 1					4.1	10.2
NAM	.6	• 6	• R	. 8	1.0	• 5						4.4	11.6
Nu	• 6		. 6	•5	. 4		• 1					2 • 4	10.8
স্থল [. 9	• 7	• 2	-1	.1							1 • 4	5 • 5
VARIATE		• • • • • • • •	• • • • • • •		• • • • • • •					• • • • • • •	•••••	••••••	•••••
CALM I	(1/1/1/1/	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	1111111	,,,,,,,,	1111111	,,,,,,,,	,,,,,,,	,,,,,,,,	4.9	/////
10146	19.8	24.0	22.€	16.9	8.2	3.0	.6					100.0	8.3

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM HOURLY OBSERVATIONS
AIR MEATHER SERVICE/MAC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECOPD: 77-86 Month: Mar Hours(LST): 15J0-1700

1	· · · · · · · ·	• • • • • • •	•••••						• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • •	
l 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
.6	.2	.8	1.1	,3	• 2				• • • • • • • • •	•••••	3.2	10.6
.4	1.4	1.6	1.7	.5	• 1						5.9	9.6
1.6	2.4	2.7	1.0	. 2							7.8	6 • A
1.9	3.0	2.9	1.0								8.8	6 • 3
2.5	4.3	3 • 1	. 4								10.3	5.6
1.4	3.0	2.0	. 4								6.9	5.7
.9	2.0	2.2	. 8	•2							6.0	7.1
1.0	• 6	. 5	1 . 3	.6	• 2						4.3	10.2
1 1.6	1.3	2.2	3.2	1.2	• 3						9.8	10.5
1.3	1.1	• 9	3 • 1	1.9	• 5	• 2					9.0	12.5
! ! •6	. 4	• 0	1.8	1.8	. 4	. 1					6.1	13.6
.3	1.1	1.0	.6	. 3	• •	. 1					4.0	11.3
•1	• 5	1.2	1 • 2	.6	. 3	• 2					4 . 2	12.9
-1	• 5	. 5	1.1	1.1	. 4	• 2					4.0	15.2
!	. 4	• 2	1.1	. 3	• 3						2.4	12.9
 	• 1	• 2									• 6	4.5
!	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • • •	•••••	•••••	• • • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	••••••
11:11111	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	////////	1111111	///////	,,,,,,,,	,,,,,,,	6.7	111111
 14.7 	22.5	22.8	19.8	9.2	3 • 4	.9					100.0	8.7
	.6	.6 .2 .4 1.4 1.6 2.4 1.9 3.0 1.4 3.0 1.4 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0	.6 .2 .6	.6	1-3	1-3	1-3	.6	1-3	1-3	1-3	1 1-3

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: MONTH: MAR HOL RD: 77-96 HOURS(LST): 1800-2000 WIND SPEED IN KNOTS -1C 11-16 17-21 22-27 28-33 34-40 DIRECTION 1-3 7-1C 48-55 GE 56 (DEGPEES) (1 WIND 2.2 3.7 7.6 1.0 • 6 - 1 - 1 NNE 4 - 1 3.1 1.5 . 3 1.2 . 3 . 1 10.6 NE 3 . 9 5.1 1.4 . 4 10.6 4.5 ENE 2 . ? 3.1 ٠٤ • 5 5.0 ٤ 2 . 3 2.4 .6 • 2 4.5 FSF 1.3 1.3 . 6 4.3 SF 1.2 1.3 1.1 1.0 . 1 4.6 6.7 SSE .5 1.2 1.4 1.3 . 1 4.6 8.5 S 1.5 2.0 3.2 4.7 1.2 14.0 10.1 1.3 2.2 1.0 • 1 8.0 9.6 . 4 • 1 1.1 . 4 . 3 3.8 10.5 • 3 . 5 . 4 . 1 e . 7 - 1 . 4 1.2 • 3 • 2 . 1 10.0 . 4 1.1 . 1 .6 . 4 . 2 . 3 ٧. . 5 • ? 9 • 3 NNW 1.4 ٠,5 7.3 CALM

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 2160-2300

									HORITI HAR HOURSTESTY				. 2100-2300	
DIRECTION (DESPEES)		4-6	7-10	11-16		ND SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL 3	MEAN WINU	
N	5.4	2.6	1.2	1.0	•••••	. 2	• 1					10.4	5 • 2	••
NNE	4.4	1.7	1.6	1.2		. 1						9.0	5.5	
¥F.	5 - 1	2.2	2 • □	• 5								9.8	4.6	
FNE	1.7	3.0	1 + 3	• 5		• I						6.7	5 • 6	
٤	1.5	.9	. 6	• 1								3.1	4 . 3	
ESF	.9	. 1	• 2									1.2	3.0	
SF	.3	• 6	• 2	• 1	- 1							1 • 4	7.0	
SSE	.4	. 8	• 3	1.2	. 4	• 2	- 1					3.4	11.6	
Š	1.3	2.0	3 • 4	5.5	.6	• 1						13.0	10+3	
5 S %	.5	1 • 8	• •	1.5	• 9	• 2						5 . 8	10.3	
Sw	1.4	• 8	• 3	• 5	. 1			• 1				3.2	7.1	
WSW	.3	1.0	• ?	• 1				• 1				1.7	7.1	
•	1.0	. 4	. 4	• 3								2.2	5 • 5	
WAW	.5	• ?	. 3	. 4		• 3	- 1					1.9	11.6	
*e W	1.3	• 9	• 2	. 4	• 2	. 7						3 • 3	7.6	
tore at	1.6	1.1	• 1		• 1							2.9	3 • 8	
	••••••	• • • • • • •	• • • • • • • •											
VAR TAPLE	1											30.0		
_	<i>////////</i> 		,,,,,,,,	1111111	///////	,,,,,,,,,	77711777	//////	,,,,,,,,,	,,,,,,,	,,,,,,,,	20.9	/////	
TOTALS	1 27.5	20.0	13.4	13.4	2.5	1.€	• 3	• 2				100.0	5 • 5	
	• • • • • • • • • •					• • • • • • • •								••

TOTAL WUM'ER OF ORSERVATIONS: 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

PERIOD OF RECORD: 77-86 MONTH: MAR HOURS(LST): STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV ALI #IND SPEED IN KNOTS 7-10 11-16 17-21 22-27 28-33 DIPLOTION 41-47 48-55 GE 56 TCTAL MEAN (DEGREES) | WIND N 3 • 1 1.3 • 0 5.8 6.3 NNE 2 • 2 2.0 1.5 1.1 . 4 • 1 •0 7.4 7.1 NE 2.7 2.6 2.4 1.0 . 1 8.7 6.0 FNE 2 • 2 1.9 . 6 ٠.0 7.4 5.5 2.6 1.3 . 2 2 . 3 6.4 4.9 ٠,6 . 1 ESE 3.1 5.0 5 5 . 9 . 7 . 1 2.9 . 8 . 4 6.5 SSF . 9 1.1 . 4 • 6 ٠.٤ . 1 .0 4.0 9.1 S 1.5 1.6 2.3 3.8 1.1 . 4 . 1 11.0 10.8 5 S W 1 . 3 1.2 1.1 1.9 1.0 • 3 . 1 • 0 SW . 9 . 4 . 7 .6 ٠0 10.4 WSW . 7 • 5 • 3 ٠, 2.1 7.6 . 5 • 5 . 3 . 1 9.2 . 1 2.6 . 5 . 5 . 5 • 3 • 0 • 6 3.0 11.3 • 5 . 4 • 7 . 2 . 1 . 0 2.7 9.0 PNE • 1 . 3 .0 . 1 2.0 5.5 19.6 ///// 20.2 16.0 14.0 5.2 1.9 . 3 100.0 6.2

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0000-0200 WIND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 TETAL MEAN IDEGREES) 1 WIND N 4-1 3.9 • 1 7.0 NNF 3.0 2.7 . 8 . 9 .7 . 1 8.1 6.5 N F 4.0 2.7 . 7 . 7 . 2 8.2 5.0 1.7 . 9 . 1 5 . 6 ENE 2.9 Ε 1.6 1.1 1.3 4.0 4.8 .9 FSE . 8 . 1 2.6 .7 SE • 6 . 1 2.7 2.4 5 S E • 8 1.0 . 6 • 1 5.0 S 1.7 1.6 4.3 5.8 1.8 . 2 . 1 15.4 10.7 .8 1.3 1.2 • ? 5 • 6 9.7 . 1 4.8 6.6 1 • 3 1.9 6.1 1.2 . 4 . 4 . 7 . 7 3.4 8.9 . 9 WNW 1.0 . 7 . 3 . 1 3.8 8.6 . 5 1.9 • 8 2.3 5.9 NW • 6 NNW 1.0 5.3 VARIABLE CALM 22.9 ///// . ? 100.0 TOTALS 21.1 13.€ 12.4 . 1 5.4

GLOFAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 77-86

MONTH: APR HOURS(LST): U300-0500

WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN DIPECTION I 1 - 3 7-10 4-6 (DEGPEFS) | WIND N 2.6 • 3 9.3 NNE 4.9 2.9 . 8 . 1 5 . 3 . 2 5.0 ΝE 3 . 8 3.4 1.2 . 4 . 1 . 3 6.1 ENE . 6 4.3 3.1 2.1 £ 1.9 . 9 . 8 3.6 4.0 1.1 • 2 2.4 ESE • 9 . 9 5 E . 7 • 1 • 1 2.6 SSF .6 • 2 • 1 1.1 s 1.0 1.3 4.2 5.3 1.3 13.6 10.9 1.0 4.8 9.9 . 4 3.7 • 1 1.1 • 6 • 2 1.2 . 1 1.0 • 6 10.5 . 3 • 2 WNW • 6 NW • 3 1.4 10.0 1.2 • 9 • 1 ENW 4.5 - 1 CALM 100.0 3.4 . 1

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0600-0800

• • • • • • • • • • • • • • • • • • • •	!	• • • • • • •	• • • • • • • •	•••••	WIN	D SPEED	IN KNOTS			• • • • • • • •	•••••	• • • • • • • • •	•••••
DIPECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	ME AN W IND
N	1.9	. 8		. 9	.3	•••••		• • • • • • •	•••••	••••••		4.7	7.1
NNE	1.8	1.4	. 8	2.0	.3	• 2						6.6	8.6
NE	! ! 2•8	1.1	1 • 3	1.0	•2							6.4	5.9
ENE	1.8	. 8	1.1									3.7	4.5
Ł	1.6	1.6	• 3									3.4	3.9
FSF	• 3	•2	•1	. 1								.8	5.6
SE	•7	.4	• 3	• 2								1.7	5.3
SSE	1.0	• 6	. 9	. 3								2.8	6.2
s	2.0	1.3	2 • 6	5.2	1.2	• 3						12.7	10.4
SSW	2 • 2	1.7	• 6	.7	•6	1.						5.8	6.8
5 W	1.9	1.6	. 4	• 2								4.1	4 - 4
M7.M	1.6	. 4	- 1		.1							2.2	3.6
4	1.7	.4	• 2	. 4								2.8	4.9
WNW	. 9	. 6	• 7	.6	• 3	• 2						3.1	9.4
74 W		• 9	• 7	.9	. 4	. 4		• 2				4.3	11.7
NNH	•7	.7		• 2	-1							1.7	5•9
VARIAFLE	 	•••••	• • • • • • • •	•••••		• • • • • • • •			•••••	•••••		• • • • • • • • • • • • • • • • • • • •	
CALM	111111111	,,,,,,,	,,,,,,,	11111111	///////	1111111	////////	1111111	,,,,,,,	///////	,,,,,,,,	33.3	/////
TOTALS	23.3	14.4	10.9	12.9	3.7	1.3		•2				100.0	4.9
* * * * * * * * * * * * * * * * * * * *													

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: MONTH: APR HOURS(LST): 0940-1100 WIND SPEED IN KNOTS 7-10 11-16 17-21 22-27 28-33 34-40 DIPECTION 48-55 GE 56 TOTAL 1-3 4-6 MEAN (DESREES) 1 WIND 14 5.2 10.2 1 - 1 . 3 NNF . 9 2.0 2.6 4.0 . 7 10.0 10.1 NE 1.9 • 2 12.0 8.5 1 . 8 2.4 4.0 2.3 • 2 7.8 5.9 ENE 1.2 E 2 • 9 3.6 8.0 4.7 1.4 • 2 2.0 ESE 1.7 1.0 - 1 . 1 4.9 5.1 1.7 1.0 • 2 4.1 SE 1 - 1 . 1 6.1 SSE 1 . 2 1.7 . 9 . 8 . 2 4.8 6.5 S 1.7 1.6 1.6 2.3 . 9 . 7 . 3 9.0 10.9 SSW 1.7 2.2 . 9 2.2 . 3 10.2 SW 1 - 1 . 7 . 8 • 1 . 4 • 3 3.4 8.6 1.1 • 1 5.9 • 1 . 1 . 7 . 7 . 7 3.0 7.8 . 8 • 2 HNH . 4 . 4 . 7 . 9 . 1 3.0 12.0 NW . 3 . 1 . 3 . 3 . 2 1.7 . 3 11.4 NNW . 2 • 3 . 4 . 1 1.6 10.2 CALM 10.3 ///// TOTALS 1.9 • 3 20.8 16.9 6.6 100.0 7.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AFRIAL FROM MOURLY OBSERVATION:

TION NUMBER	: 723865	STATION							HONTH:		HOURS (LS	r): 12u0-	
DIRECTION DEGREES)	1 - 3	4-6	7-10	11-16	17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55		TOTAL	MEAN WIND
N [1.2		1.2	1.1	-1	• • • • • •	• • • • • • • •	•••••	••••••	•••••	•••••	4 . 6	7.7
NNF	.6	. 9	1.3	1.7	. 4							4.9	9.8
NE S	• 9	1.8	2.1	1.1	• 1							6.0	7.7
ENF	.9	2.4	2.3	. 2								5.9	6.3
E !	2 • 2	2.2	2.4	.7								7.6	5 . 8
ESF	1 • 4	3.6	1.9	• 2	• 1							7 • 2	5.9
5F	1 • 2	3.1	1.6	. 4	•2							6.6	6.2
SSE	1.4	2.6	1.0	1.1	. 4	. 1						6.7	7.7
. j	2 • 3	3.2	2.2	2.3	1.0	• ?	• 2					11.6	8.9
ssw	1 • 2	. 9	1.2	2.9	2.2	1.0	• 2					9.7	13.4
S#	1.4	1.9	1.3	1.6	1.8	. 3	. 1					8.4	10.5
usu	. 9	1.6	. 8	• 3	• 3							3.9	6.9
. !	1 • C	. 9	1.2	. 3	• 1	• 2						3.8	7.5
WWW	.9	. 8	1 • C	. 6	• 7	. 2						4.3	10.0
NW I	• 2	• 2	• 2	. 4	.6	• 1						1.8	13.0
NNW I	• 3	. 7	• 2	. 4								1.7	7.1
VARIAPLE	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	••••••	•••••	••••••	•••••
CALM .	////////	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	1111111	////////	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	5.6	111111
TOTALS	18.2	27.6	22.1	15.7	8.1	2.2	.6					140.0	e.o

GLUPAL CLIMATOLOGY BRANCH USAFETAC AIR WFATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBE	P: 723865	STATION	NAME:						MONTH:	OF RECOR		-86 T): 1500-	1700
DIPECTION (DEGPEES)		4-6	7-10	11-16	WIN 17-21	22-27	IN KNOTS 28-33	S 34-40	41-47	48-55	GE 56	TCTAL 3	MÊÂN WIND
۸	.7	1.0	.4	•6	•2	• • • • • • •	•••••	• • • • • • • •	• • • • • • • •	•••••	• • • • • • • •	2.9	7.7
NNE	.9	. 4	1.3	1 • 2	.4							4.3	9.5
uf	1.9	2.3	2.9	1 - 1	•2							8.4	6.8
FN€	1.7	2.6	1.6	.7								6.1	6.0
٤	1 1.4	2.4	1.9	. 8								6.6	6.6
FSF	 • •	2.7	2 • 6	. 4								6.4	6 • 6
S.F	1 1.0	1.9	1.5	• 9								5.4	6.7
5.18	1 1.1	1.7	1.1	1.4	. 4							5.8	8.0
٢	1 2.2	1.4	2 • 3	3.1	1.3	.2						11.0	9.6
Salu	1 1.3	1.4	1.7	4.7	3.1	. 8						12.6	13.0
2 W	1 1.4	1.3	1.2	4.3	2.2	1.1						11.7	12.8
45 W	ł ! .7	. 7	• 6	1.7	. 8	.7						4.6	11.5
	! ! .4	•6	. 7	. 3		.2						2.2	8.6
WNW	1 .3	.6	. 4	.8	.6							2.7	10.1
fa m	1 1 .7	•?	. 4	.7	. 1							2.1	7.9
NNW	l .2	.1	, 4	. 3	.2	• 2						1.6	12 • 3
	l • • • • • • • • • • • • • • • • • • •					•••							****
VARIABLE	1												.,,,,,,,,,,,,,,
(∆. ⊷	immin.	////////	,,,,,,,	,,,,,,,,	,,,,,,,	1111111	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	////////	///////	///////	,,,,,,,	5.7	111111
101#L"	16.4	21.7	20.9	22.9	9.7	2.9						100.0	8.9
	, ,,,,,,,,,,,,									• • • • • • •			

SLOEAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

77-86

Took Manual Ca	2300	•							MONTH:	APR	HOURS (LS	T): 1800-	2000
I DEGRETS)	1-3	4-6	7-10	11-16	17-21		IN KNOTS 28-33		41-47	48-55	GE 56	TOTAL 3	MEAN WIND
N Į	2.1	3.0	1.2	1.1	-1	• • • • • • •		•••••	•••••	• • • • • • •		7.6	6.D
PINE	2.0	1.9	1.4	1.1	•1		.1					6.7	6.8
NE I	3.2	2.6	. 9	. 3								7.0	4.3
ENE !	2 • 3	2.8	.8	. 1	•1							6.1	4.5
i !	2.0	2 • 1	. A	. 1								5.0	4.5
FSF	1 • 7	1 - 8	1 • 3	.1	.1							5.0	5.3
S.F.	.9	1.3	1.0	.9								4 - 1	7.0
SSE	1.0	1.6	1.8	2.2	•1							6.7	8 • 1
s	2.0	4.9	4.6	4 . 8	•6	• 1						16.9	8.5
SSW	1.7	1.9	2.7	2.8	1.7	. 3	• 3					11.3	10.8
2 W	•2	1.0	1.9	2 • 4	. 4	. 3	- 1					6 • 4	11.1
W5W	. 1	. 7	1.3	1.0			. 1					3.2	9.6
₩ .	•2	. 4	. 8	1.0	. 1							2.6	9.6
444	. 4	. 3	• 2	•6	. 3							1.9	9.8
NK		. 6	• 2	• 2	. 1							1.1	8.8
NNW	.4	.3	. 4	• 1								1.3	6.1
VARTAPLE 1		• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	
CALM !	,,,,,,,,,	,,,,,,,,	///////	11111111	///////	(//////	/////////	,,,,,,	///////	,,,,,,,,	,,,,,,,,	7.1	,,,,,,
TOTALS	20.3	27.1	21.3	18.9	3.8	. 0	. 7					100.0	7.1

GLJBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

(DEGREES)		4-6	7-10	11-16	17-21	22-21	28-33	34-40	41-47	48-55	OE 26	TOTAL 3	WIND
N	3.2	3.7	.7	•6	•••••	• • • • • • •	• • • • • • • •	•••••		••••••	• • • • • • • •	8.1	4.6
RNE	3.9	2.1	1.0	.9	• 3							8 • 2	5.4
NF	2 • 7	2.9	1.1	•7	•1							7.3	5.4
ENE	1.9	1.7	• 6	•2								4.3	4 • 5
£	1.2	1.7	• 3									3 • 2	4.4
FSF	. •	.6	• 1									1.6	3.2
SF	•6	. 4	• 2									1 • 2	4 - 4
5 S E	.7	. R	. 6	• 2	•1	. 1						2 • 4	7.1
5	1.9	3.0	5.9	5 • 1	1.0	• 1						17.8	9 • 1
SSW	1.1	1.6	2.6	2.1	. 4							8.0	8 • 9
S W	1.6	2.2	• 9	. 7		. 3						5.7	6.8
W Ś W	1.6	1.0	• 8	• 3	• 2							3.9	6.0
•	1.2	. 7	. 6	. 8	• 1							3.3	6 • 8
WNW	1.9	. 3	. 6	. 7	• 2	• ?						3 • 1	9 • 2
To Se	• 3	• 1	. 8	• 1								1.3	7 • 3
PNW	1.3	• 3	. 4									2 • 4	4.5
VARIARLE	<u>.</u> !	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••		
CALM	 <i> </i>	,,,,,,,	,,,,,,,	,,,,,,,	////////	,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	11111111	,,,,,,,	18.0	111111
TOTALS	24.0	23.A	17.6	12.3	2.6	. 9						100.0	5.5

GLDEAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

77-86

									MONTH:	APR	HOURS (LS	T): AL	L
	• • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	WII	ND SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • • • • •
DIRECTION (UESPEES)	1-3	4 - E	7-10	11-16			28-33		41-47	48-55	GE 56	TCTAL 3	MEAN WIND
N	2.3	1.3			.1	.0	•••••	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	5.9	5.9
· '	2 + 3	1.3	• •	• 7	• 1	• 0						347	3.7
NNE !	2 • 2	1.8	1.2	1.5	. 4	- 1	• C					7.3	7.5
ŊF	2 • 6	2.3	2.0	1.0	•2	•0						8.1	6.2
ENE	1.8	2.4	1.3	• 2	•0							5.7	5 • 2
Ł į	1.8	1.9	1 • 2	• 2								5.2	5.0
ESF	1.1	1.3	• 9	• 1	.0							3.5	5.4
\$ E	.8	1.1	. 7	. 3	•0							3.1	6.0
SSF	.9	1.3	. 9	• 9	.2	• C						4.1	7.2
s	1.8	2.4	3.5	4 • 2	1.1	. 3	• 1					13.5	9.8
ssw	1 • 3	1.6	1.5	2 • 2	1.3	. 4	• 1					8.3	10.8
Sw j	1 • 3	1.4	1.0	1.3	• 6	. 3	• 0					6.0	9.3
WSW	9.	. 8	• 5	•5	• 2	• 0	• 0					2.0	7.4
-]	1.0	. 6	• 6	•6	• 2	• 1						2.9	7.4
MNM	. 7	. 5	• 5	• 7	• 5	• 2						3 • 2	9.9
NW	- 6	• 5	• 3	• 6	•2	• 1		• C				2.4	9 • 8
NNH	. 7	. 6	. 4	• 2	.1	• 6						2.1	6 • 4
VARIABLE 1		• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••			• • • • • • •	• • • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •
CAL"		////////	,,,,,,,	11111111	///////	11111111	11111111	//////	///////	,,,,,,,,	,,,,,,,,	15.9	/////
101765	21.9	22.4	17.3	15.3	5.2	1.5	•2	• 0				100.0	6.5

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SFRVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBE	R: 723865	STATION	: BMA#						PERIOD Month:		HOURS (LS		-0200
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	IN KNOTS 28-33	34-40		48-55	GE 56	TOTAL	MEAN WIND
N	6.0	1.9		•2	. 3	. 1	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •		8.8	4.0
NNE	3.4	2.0	. 9	•6	• 5	. 1						7.6	5.9
ΝE	3.9	2.5	. 9	•5	• 2	. 1						8.1	5.0
ENE	2.8	2.2	• 6	• 2								5 . 8	4 • 1
£	1.8	2.0	. 4									4.3	3.9
ESE	.5	. 4	. 4	• 1								1.5	5.8
\$ E	.5	. 4	• 3									1.3	4 • 2
55E	.1	.6	. ٤	• 6								2.2	8.1
S	1.1	2.2	4.7	4.9	1.5	••						15.3	10.9
5 S W	1.4	2.3	3.3	1.6	1.0	. 3						9.9	9.2
S W	1.2	1.8	. 8	.9	- 1							4.7	6.7
WS #	.5	•6	. 4	• 1								1.7	4.8
	.9	• 3	• 1	. 3								1.6	5 • 3
មម្រ	.2	. 2	• 1	.5		• 2						1.3	11.3
te W	.5	• 3	. 4									1.3	5.1
NN W	1.1	. 5	• 1									1.7	3 • 4
VARIAPLE		• • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • •	•••••	• • • • • •	•••••	• • • • • • •	•••••	••••••	
CAL	111111111	,,,,,,,,	,,,,,,,	,,,,,,,,	///////	,,,,,,,,	11111111	//////	///////	,,,,,,,	,,,,,,,,	22.9	/////
ICT WF.	 26•0 	20.4	14.5	10.8	3.7	1.7						100.0	5 • 3

CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED
FROM HOURLY OBSERVATIONS

ATHER SERVICE/MAC

	2: 723865	3141201							MONTH:	MAY		1): 0300-	-0500
	••••••	•••••			WI	ND SPEED	IN KNOT	S	••••••				•
T104 EF5)				11-16								TOTAL	MEAN WIND
!	5.1	2 · A	. 6	• 1	.1		• • • • • • •	• • • • • • • •	•••••	• • • • • • •	•••••	8.8	4.0
į	4.7	2.2	. 8	. 4	• 2	• 2						8.5	4.8
į	4 • 1	2.6	• t	• 3	• 2							7.8	4.5
į	2.3	2.0	• 9	. 1								5.3	4.4
į	2.6	1.5	. 3	• 1								4.5	3.7
}	. 9	• 5	• 3									1.7	4.8
į	.8	• 5	. 4	.1								1.8	4.9
į	.9	• 2	. 9	.1	•1							2.2	6.3
į	1.1	2.5	4.3	4.5	1.3	. 4						14.1	10.4
į	1.0	1.3	1.8	2.2	•6	• 2						7.1	9.7
į	•5	1.2	. 4	. 1	• 2							2 • 5	6.4
į	• 2	• 5	. 4									1.2	5.8
į	1 • 1	• 5										1.6	2.7
į	. 4	. 8	• 2	• 2	. 1	. 1						1.8	7.4
į	1.2	. 9	• 2	• 2	- 1							2.6	4.9
į	1.5	.6	• ?									2 • 4	3.1
APLE I		• • • • • • • •		• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	
i i	,,,,,,,,,	,,,,,,,,	//////	(11111111	,,,,,,	,,,,,,,,,	1111111	////////	////////	1111111	,,,,,,,,	26.1	,,,,,,
- 1	28.2	20.6	12.5	A . 5	3.0	1.1						100.0	4.6

HMEER OF ORSERVATIONS: 030

LOBAL CLIMATOLOGY BRANCH SAFETAC IR WEATHFR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

TATION NUMBER	R: 723865	STATION	NAME:						PERIOD MONTH:	OF RECOR		-86 1): 0680-	0800
DIRECTION		4-6	7-10	11-16	win 17-21	O SPEED	IN KNOTS 28-33		41-47	48-55	GE 56	TCTAL &	MEAN Wind
A.	1.5	•5	. 9	3	-1	•••••	••••••	•••••		• • • • • • •		3.3	5.6
NNE	.5	.9	1 • €	1 • 6	.1	- 1						4.8	9 • 3
t• F	1.6	1.2	2.5	1 • C	• 1							6.3	7 • 3
ENE	2.5	1.2	1.4	. 3								5.4	5.0
E	2.3	1.4	. 6	. 1								4.4	4 • 1
ESE	.3	1.1	• 9	• 2								2.5	6.7
SF	.5	• 6	. 4	- 1								1.7	5 • 2
S∵E	.6	. 3	• 2	• 3								1.5	6.3
5	3.8	z.2	2 • 4	2.7	2.4	. 5						13.9	9.6
SSW	3.2	1.0	1.6	2.5	• 9	. 3						9.5	8 • 7
SW	2.4	1.2	. 5	• 2								4.3	4.2
พรพ	1.1	. 1	• 1									1.3	2.8
	1.0	. 4	• 2	• 5								2 • 2	6.0
WNW	.9	.2	• 3	• 3	• 2	• 1						2.0	8.1
12.00		.6	• 1	• ?	•2	• t						2 • 2	7.7
naw	.6	. 1	• 2									1.0	3.8
**************************************	 * • • • • • • • • • • • • • • • • • •					• • • • • • •	•••••						
VARIARE		,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,	,,,,,,,			,,,,,,,,,	,,,,,,,,	,,,,,,,,	a. F F	111111
TOTALS	Í			10.4		1.7	,,,,,,,	.,,,,,,			,,,,,,,,	100.0	
100 405	1 23.7	13,0	, 4 • t	10.4	ч•в	1.6						100.0	4.8

AL CLIMATOLOGY BRANCH ÉTAC WFATHCH SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

	• • • • • • • • • •	• • • • • • •					IN KNOTS			• • • • • • •	• • • • • • • •	••••••	•••••
RECTION FUELSE	1~3	4-6	7-10		17-21	22-27	28-33	34-40	41-47			TOTAL	ME A N WIND
4	1.0	٠.	. 9	. 4	-1	• • • • • • •				•••••		3.1	6.5
NVE !	1.2	1.2	2 • 8	1.4		.1						6.7	8.3
NE I	1.9	2.4	3 • 1	2.4	• 2							9.9	8.0
ENF]	1.4	2.6	2.6	1.1								7.6	6.7
E	2 • 2	4.2	2 • 8	. 3								9.5	5.4
FSF	1 • ?	2.1	. 4	- 4		•1						4.2	6.0
SF	1.2	1.8	1.3	. 8								5.1	6.7
558	1.6	2.0	1 - 1	1.0								5.7	6.2
٠	1 • *	2.9	1.7	3,1	1.4	.3						11.3	9.4
55 W	2•5	1.3	1 • 2	2.3	1.7	٠٩	• 2					9.9	10.9
54	1.8	• R	• 5	.2	• 6	• 4						4.4	8.2
wsw į	• 5	1.1	• ?	.5		•?						2.7	7.4
- ;	1 • 3	٠ ٩	. 6	2.	.1							3.9	5.8
พระส	•5		٠,٤	• 5	•5	• !	• 1					2.6	11.7
54 W	ŕ	. 1	• 1	• 5	. 1	• 1						1.5	9.1
শাম্ভ । 	••	.1	•1	•1								1.2	3.5
ARIANLE I	• • • • • • • •							• • • • • •	• • • • • • • •	• • • • • •		• • • • • • • • • • • • • • • • • • • •	
1		(()(()()	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,		,,,,,,,	,,,,,,,,	,,,,,,,,,		10.9	111111
CTAL (22.7		20.2	15.6	4.8	2.2		, , ,	,		,,,,,,,	ם.חמנ	6.9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PLOCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUNLY OBSERVATIONS

PERIOD OF RECORD: 77-86
HONTH: MAY HOURS(LST): 1200-1400 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••		NO SPEED	IN KNOTS		• • • • • • • • •		• • • • • • • •	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
GIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-23	34-40	41-47	48-55	GE 56	TETAL	MEAN Wind
N	1.2	1 • 3		••••••	•••••	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	3.2	4.9
NNE	.9	• 9	. 8	1.0								3.3	7.4
NE	1.1	1.6	1.5	• 9								5.1	6 • 8
FNE	1.5	1.6	. 6									3.8	4.5
Ł	1.1	2.6	2.5	• 2								6.3	6.2
ESE	2.7	1.7	1.1	. 8								5.6	5.9
3.8	1.4	2.0	1.3	. 4	• 2	. 1						5.5	6.7
:2r	1.1	2.9	1.8	• 9	. 2							6.9	6.9
S	2.9	2.9	3.3	3.2	1.2	. 1	•1					13.8	8.7
554	1.6	1.2	2.6	3 - 4	1.5	1.4	• 1					11.8	12.3
S ₩	1.4	2.7	1.9	2.7	2.3	1.3	. 1					12.4	11.9
WUA	1.4	1.6	. 4	1 • 4	. 1	• 2						5.2	7.8
w	.9	1.6	1 - 1	• 9	• 1							4.4	7.0
WNE	9.9	• A	• 0	.8								3.1	7.4
No. No.	.4	• E		. 4	. 3							1.7	8 • 3
19.0	.6	• 2										.9	2 • 8
ANGINOFE	!	• • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • • •	•••••	• • • • • • •	• • • • • • • •	•••••	•••••	• • • • • • • • • •	
CALP	/////////	,,,,,,,	///////	,,,,,,,	//////	11111111	,,,,,,,,	//////	///////	,,,,,,,	,,,,,,,	7.1	111111
TOTALS	 20•2 	26.0	20.5	16.8	5.9	3.1	. 3					100.0	7.7

TERAL NUMBER OF COSERVATIONS: 030 GLUHAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER									MONTH:		HOURS (LS		-1790
DIRECTION ((UEUREES)	1-3	4-6	7-10	11-16	WIN 17-21	D SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Wind
N	.4	.9	.2	.2	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	••••••	•••••	•••••	1.7	5.6
NNE	1.0	• 6	. e	.6	• 2							3.2	7.3
N.F	•6	• 8	. 6	. 4								2.5	6.4
ENE	1.3	1.1	. 3	• 2								2.9	4.5
Ē.	2.5	1 - 8	1.2	. 3								5.8	4.7
FSE	1 • 3	2.0	1.7	.9	• 1							6.0	6.7
SF	1.6	1.1	1.6	. 9	. 1							5.3	6.8
SSE	1 • 3	1.5	1.0	.9	• 1	. 1						4 . 8	6.7
š	2 • 3	3 • 2	1.7	1.8	1.5	• 3	. 1					11.0	9.2
S5 b	1.3	1.7	2 • 7	5 • 2	3.3	1.2	• 1					15.5	12.8
2 W	1.5	.6	2.7	5 - 3	3.2	1.1	• 2	. 1				14.8	13.6
454	1 - 1	. 8	1.7	2.0	• 6	• 1						6.3	10.2
* !	1 • 8	1 • 2	1.6	1.4	- 1							6.1	7 • 3
- WWW [•6	• 9	• 3	. 4	• 2	• 2						2.7	8.7
ан	• 5	. 4	. 5	. 8	-1							2.4	8 • 4
NNW	• 3	. 4	• 1	• 1	• 1	• 1						1.2	8 • 2
VARIAPLE	•••••	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • •	••••••	• • • • • • • •	•••••		
CALM	////////	,,,,,,,	///////	,,,,,,,,	,,,,,,,,	//////	////////	(1/////	///////	,,,,,,,	,,,,,,,,	7.7	111111
TOTALS !	19.6	19.0	10.8	21.4	9.8	3.1	.4	• 1				100.0	8.6

LUCAL CLIMATOLOGY BRANCH SAFETAC IR WEATHTR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD: 77-86 MONTH: MAY HOURS(LST): 1800-2000 WIND SPEED IN KNOTS 17-21 22-27 28-33 34-40 BIRECTION 7-10 WIND (DEGREES) | * 1 - 1 2.6 5.3 7.3 NNE 1.7 1.4 . 4 .6 4.8 . 9 • 1 4.1 • 5 . 1 2 • R . 2 • 5 Ł ESE 1 . 3 1.6 . 1 6.6 5.5 SE 1.1 2.4 1.3 1.5 2.0 7.6 555 1.6 1.4 . 1 6.7 2.4 2.9 5 • 1 3.2 1.5 . 1 15.1 9.0 55# 1.3 1.8 2.9 3.1 . 5 11.5 1.0 1.0 2.7 3.7 1.7 10.5 11.5 • 2 . 9 10.0 . 8 1.2 . 2 . 1 6.2 . 9 . 5 • 3 9.9 . 3 • 3 7.1 40 1.5 . 2 NAME • 2 . 1

1.6

. 1

11.8 /////

7.2

100.0

TAL NUMBER OF OBSERVATIONS: 030

CALM

101415

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

TICN NUMBER									MONTH:		HOURS (LS	-86 T): 2100-	2300
DIPECTION †	1-3	4-6	7-10	11-16	WIN 17-21	D SPEED 22-27	IN KNOTS 28-33	34-40	41-47		G€ 56	TGTAL	MEAN WIND
N 1	1.0	3.7	. 3	.1	.1	• • • • • • •	• • • • • • • • •		••••••	• • • • • • •		6.1	4 - 3
NNF	2.7	1.8	. 8	1.3	. 4							7.0	6.7
NE [2 • 5	2.2	1.7	1.2	•2							7.7	6.6
ENE !	1.1	1.2	• 3	.1	•1							2.8	4.7
Ε	. 9	1.0	• 3	.1								2.3	4.5
FSE !	. 4	• 5	. 4	• 2	•1	• 1						1.8	7.8
S.F.	• 3	. 6	. 4	• 2								1.5	6.5
SSE	•2	. 9	. 9	.4	• 2							2.6	8.4
s !	2.0	4.4	7.7	4.0	1 • 4	. 4						20.0	9.2
SSW	2.0	2.0	3 • 1	2.0	1.2	. 4						10.9	9 • 2
S W	1.5	1.9	1.1	1.1	1.0	• 2	• 1					6.9	9 • 2
W.S.W.	1.5	. 4	• 2									2.2	3.5
	. 9	• 6	.2	.4								2 • 2	6.0
A4A	.6	. 3	• 5	• 1		. 3	.1					2.0	9.9
NW	.0	• 2	. 1	• 2	• 2							1.6	6.5
NNV !	1.0	1.2	• 2	•1								2.5	4 • 3
I BJEATRAV	• • • • • • • •	• • • • • • •	• • • • • • •			• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••	•••••	•••••	
CALM !	,,,,,,,,,	,,,,,,,	///////	,,,,,,,,	,,,,,,,	//////	,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	19.9	/////
TOTALS	20.4	23.9	18.4	11.6	4.7	1.5	. 2					100.0	6.0

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

AIR WEATHER SE	RVICE/MAC												
STATION NUMBER	: 723965	STATION	HAME:						MONTH:		HOURS (LS	-86 T1: AL	L [*]
1	• • • • • • • •	•••••	• • • • • • •		WI	D SPEED	IN KNOTS				••••••	• • • • • • • • •	••••••
DIPLOTION 1 (DEGREES) 1	1-3	4-6	7-10			-			41-47	48-55	GE 56	TOTAL	MEAN WEAN
N Į	2.3	1.6	.6		• 1	.0						4.7	4.6
NVF I	2.0	1.4	1.1	1.0	• 3	. 1						5.8	6.9
NF .	2 • 2	1.9	1.4	. 9	• 1	•0						6.4	6 • 4
ENE	1 • 8	1.7	. 9	• 3	• 0							4.7	5.0
E	2.0	2.1	1 - 1	• 2								5.4	4.8
FSE	1.9	1.3	. 9	. 4	•0	• 0						3.6	6.3
SE	.9	1.2	. 9	. 3	•0	•0						3.4	6 • 2
SSE	.9	1.2	1.1	.7	• 1	•0						4 - 1	7.0
s	2•2	2.9	3.9	3.4	1.5	- 4	•0					14.3	9.6
SSW	8.1	1.6	2.4	2 • 8	1.6	• 6	. 1					10.8	10.8
S W	1 • 4	1.4	1.3	1.8	1.1	. 4	• i	• 9	ì			7.6	10.5
WSW	• 9	• 7	• 6	• 6	-1	• 1						2.9	7.7
- į	1 • 2	• 8	• 6	• 5	- 1							3.1	6 • 5
MMR	.6	•5	• 5	.4	• 2	• 2	•0					2.3	9.2
NW	• 7	. 4	• 2	• 3	- 1	• 11						1.8	7 • 1
NNW	• 9	. 4	• 1	• 1	•0	• 9						1.5	4 • 1
VARIARLE		• • • • • • • •	• • • • • • •		• • • • • • •	• • • • • • • •	•••••	•••••	•••••	• • • • • • •	•••••	• • • • • • • • •	
CAL"	,,,,,,,,	,,,,,,,	//////	,,,,,,,,	///////	,,,,,,,,	,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,	17.5	111111
TOTALS	22.6	20.9	17.5	13.9	5.4	1.9	• 2	• 0	1			100.0	6 . 4
			• • • • • •										

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WFATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

• • • • • • • •		• • • • • • • •		• • • • • • • •			IN KNOTS		• • • • • • • •	• • • • • • • •	••••••		******
(PECTION)		4-6		11-16	17-21	22-27	28-33	34-40	41-47			TOTAL	ME A N W I N D
N	4.6	2.5	.1	.1		• • • • • • •	•••••		•••••	••••••	••••••	6.8	3.0
NNE	3.4	1.7	1.0	.8	• 1	•1						7.1	5.5
NE	3.9	2.7	1.8	• 6								8.4	4.9
ENE	2 • 8	2.9	. 2	• 2								5.2	3.8
Ε	1.7	2.0	. 3									4.0	4.0
EZE	• 3	• ?	. 1									.7	4 . 2
SE	1.0	•1	. 1									1.2	3.0
SSF	• 3	. 4	1 • C	.6	• 1							2.4	8.5
s !	1.8	3.7	7.0	5.4	1.4		. 1					19.4	9.5
SSW	1 • 7	3.8	2.3	1.6	.8	• 2						10.3	8 • 2
S V	1.1	1.9	.6	.6	• 1	. 1						4.3	6.5
ו שצע	.9	1.1	. 3	. 1								2.4	4 • 3
	•8	• 8	- 1									1.7	3.3
HNP .	.7	• 3	- 1									1.1	3.5
N Ni	1.2	• 6	• 1	. 1								2.0	3.6
NAW	1.6	• 3	. 1	. 1								2.1	3.2
AR TAPLE		• • • • • • •	• • • • • •	• • • • • • • •			• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	••••••		
i	,,,,,,,,,,	11111111	,,,,,,,,,,	,,,,,,,,	,,,,,,,,	,,,,,,,,,	11111111	,,,,,,,	11111111	,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	20.7	111111
OTALS I	27.7			10.1		•4	•1					100.0	

.UBAL CLIMATOLOGY BRANCH SAFLTAC IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

									MONTH:		HOURS (LS	1): 0300-	0500
UIRECTION † (UFUPIFS)	1-3	4-6	7-10			D SPEED	IN KNOTS			48-55	GE 56	TCTAL	MEAN WIND
N !	5.8	1.9	. 3	. 3	•••••	• • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • •		8.3	3.5
NNF	4.9	1.7	. 9	•6	. 1							8.0	4 • 2
NF	3 • 8	3.3	• 9									8.0	3.8
ENF	4.6	1.7	. 6				•					6.8	3 • 4
£	2 • 6	• 8	• 2									3.6	2 . 8
ESE	• 8		• 1									.9	2.9
S.E.	.7	• 2										.9	2 • 8
328	. 4	. 4	.8	• 2								1.9	6.8
ا د	1 • 3	1.2	3.9	5 • 2	1.3	•2						13.2	10.8
SSW	• 3	1.7	1.2	1.9	• 2							5.3	9.3
SW	1 • 1	1.7	. 7	• 3	• 1							3.9	5.9
W 2 W	• 7	• 6	• 3									1.6	3.9
• [1 • 2	• 3	• ?	• 1								1.9	4.1
una	.7	• 7	. 1									1.4	3.8
N.W	1.1	• 3										1.4	2 • 3
NNW	2 • 2	• 6	• 2									3.0	3.1
VARIANLE !		• • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • • •		•••••	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • •	•••••
CALM	,,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	//////	,,,,,,,,	//////	,,,,,,,,	1111111	,,,,,,,	29.9	/////
TOTALS	32.1	17.0	16.3	٤.7	1.8	• 2						100.0	3.9

TAL NUMBER OF OPSERVATIONS: NO.

LOGAL CLIMATOLOGY BRANCH SAFETAC IN NEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

TATION NUMPER		STATION							MONTH:	•	HOURS (LS	-86 T): 0600-0	1800
DIRÉCTION ((DEGPEFS)		4-6	7-10	11-16	WIN 17-21	0 SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL 3	MEAN Wind
N I			1.0		-1		• • • • • • • • •		••••••			2.8	7 • 3
NNF I	1.8	. 7	1.1	1.0								4 . 6	6.5
NF I	! ! 2•0	2.2	1.1	.7								6.0	5 • 3
ENE	1 2.8	1.6	. 9	.1								5 • 2	4.1
E] 2,4	. 9	• 7	.1								4.1	3.9
FSF	1 1.4	.6										2.0	2.5
SE	1.3	. 3	. 1									1.8	2.7
SSE	1.1	1.1	. 4									3.0	5 • 3
	1 3-1	1.9	2.4		1.3	• 7						13.9	9.7
3	İ		_			•						7.7	7.8
SSW] 2.4 !	1.4	1.4									4.6	4.6
2 M] 2.7]	.9	. 6									1.7	3.7
WSW	; <u>1.</u> n	. 4	• 1			_						1.8	6.6
•	1.3	• 1	• 3		• 2	. 1	l					.9	3.3
WNW	1 .6	. 3											5.1
N ei	i •6	• 2	• 1		•1							1.0	
"IN W	.6	• 1	• 1									.8	3.3
			• • · <i>•</i> • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		• • • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •	•••••
VARIAPLE					,,,,,,,,	,,,,,,,,,		,,,,,,,	////////	,,,,,,,	////////	38.3	111111
	1				2.6							100.0	3.9
TOTALS	25.6	15.2					• • • • • • • •	 .				<i>.</i>	

SLUMAL CLIMATOLOGY BRANCH JSAFETAC LIR JEATHFR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

RD: 77-86 HOURS(LST): 0900-1100 PERIOD OF RECORD: STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: JUN WIND SPEED IN KNOTS
DIRECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TUTAL MEAN WIND 7.0 NNE . 4 1.1 1.4 1.0 . 1 4 - 1 8 . 6 . 7 NE 1.7 1.7 2.6 6.8 6.6 .7 2.0 2.4 2.3 6 • 1 3.7 E 2.4 1.7 . 6 8.3 4.9 2.1 • 2 4.7 ESE 2.2 1.0 5 . 6 SE 2 • 3 2.3 1.3 . 1 . 1 6 • 2 4.9 SSF 1.8 2.6 1.2 . 8 . 1 6.4 5.9 3.2 1 . A 4.1 3.9 2.0 . 4 15.4 8 . 6 554 2.4 2.3 1.2 2.7 1.4 . 7 . 1 10.9 10.2 2.1 . e . 7 . 7 5.1 7.2 5 4 . 9 1.3 . 1 . 1 2.4 3.7 NSW . 9 . 9 . 2 • 3 . 2 6.7 • 6 2.1 . 4 11.3 una • 2 . 1 • 1 . 9 . 1 . 2 6.0 of W . 1 - 9 NN W .2 4.6 . 1 VARIABLE CALP 111111 TOTALS 100.0

SLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86 Month: Jun Hours(LST): 1200-1400 PERIOD OF RECORD: STATION NUMPER: 723865 STATION NAME: NELLIS AFB NV WIND SPEED IN KNOTS 21 22-27 28-33 34-40 DIPECTION I 7-10 17-21 4-6 11-16 (DEGPEES) | WIND 1.0 2.3 6.9 NNE . 4 1.1 • 2 .6 . 8 1.4 . 7 • 3 3.2 NE 1.3 ENE . 9 1.1 • 2 . 7 4.3 Ł 1.9 1.3 • 3 . 1 6.5 2.3 . 2 5.7 5.3 FSE 1.9 1.2 SE 1 - 4 2.1 1.3 . 9 5.7 6.3 SSE 1.2 2.4 1.0 • 3 . 1 7.7 8.1 2.0 4.3 2.9 1.7 . 4 13.9 9.1 . 8 2.2 1.1 . 1 1.3 • 2 ٠2 3.9 2.3 . i - 1 . 1 . 1 8.6 • 2 • 3 1.4 NW . 8 . 1 5.3 MIN N 7.2 CALM 8.2 ///// 3.0 100.0 TOTALS • 1 7.7

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER	723865	STATION							MONTH:	JUN	D: 77- HOURS (LS	r): 1500-	1700
		•••••	• • • • • •	• • • • • • • • •	WI	ND SPEED	IN KNOT	s	•••••		•••••		•••••
DIRECTION (DEGPEES)		4-6	7-10			22-27		_	-	48-55	GE 56	TCTAL \$	MEAN Wind
N !	.4	. 1	.2		.1	•••••	• • • • • • • •	••••••	•••••	•••••	•••••	.9	6.5
MNE	• 1	• 2	• 2	.7	.1							1.3	10.9
NE.	• 3	. 6	• 6	• 1	• 1							1.7	7 - 3
ENF	• 3	٠,٥	. 9		• 1							2 • 2	6.7
E	. 9	1.7	1.6	.8								4.8	7.0
ESE	.7	• 9	1.3	. 9								3.8	7.6
SE	1.1	1.9	. 9	• 6								4.4	6 • O
SSE	1.7	1.8	1.0	1.7	. 3							6.4	7 . 8
S	1.2	3.4	3 • 3	3.4	1.7	• 3						13.4	10.0
ssw	2.0	3.8	4.2	5.0	4.2	.9						20.1	11-2
SW	2.0	2.0	3.6	6.4	3 • <i>2</i>	1.3						18.6	12-1
พรพ	1 • 2	1.0	2.2	3.1	. 4	• ?						8.2	9.6
•	. 8	1.4	1.2	• 7	•2							4.3	7 • 6
W/W	.6	.2	. 3	. 4	.1	•?	- 1					2.0	10.8
NΨ	• 6	.6		•2								1.3	5.3
NNW	•2	. 3	• 2									.8	5 • 1
VARIABLE 		•••••	• • • • • • •		•••••	• • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	•••••	••••••	•••••

24.0 10.7

3 • n

5.7 /////

9 • 2

100.0

TOTAL NUMBER OF ORSERVATIONS:

20.8

CALM

TOTALS

GLOBAL CLIMATOLOGY RRANCH USAFETAC AIR BEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

STATION NUMBE				_					PERIOD MONTH:	JUN	HOURS (LS	T): 1800-	
DIRECTION (DEGREES)	 1-3 	4-6	7~10	11-16	# I NO	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N.	.4	. 7	4	. 1				• • • • • •	•••••	••••••	•••••	1.7	5.3
NNE	.9	. 7	. 7	. 7	. 3	• 2						3.4	9.0
N.F	1 1.9	1.1	• 2	• 1								2.4	4.2
FNE	1.1	•6	. 3		. 1							2.1	4.6
£	1.4	.9	. 9	• 1								3.3	4.7
FSE	1 1-1	1.6	• 9		• 1	•1						3 . 8	6.0
2 E	.9	1.0	1.0	1.1								4.0	7.3
5 5 F	1.0	1.7	1.9	3.1	• 2							6.3	8.1
S	3.4	6.3	4.9	2 • 3	1.1	• 1						18.2	7.3
5 S W	2.4	4.6	4.7	3.7	1.9	. 3						17.6	9.0
S W	1.7	2.6	4.3	4.6	.8	• 2						14.1	9.6
WS H	.7	2.0	2.t	•8	.2							5.7	7.5
•	. 8	1.3	.7	. 4	• 4							3.7	7 • 8
9 N W	. 3	1.3	. 6	•6	. 3		. 1					3.2	9.0
NW	•1	• 3	• 2	•2	• 1							1.0	8.9
nuw	• • 1	•2	•2	•1								. 7	7 • 3
VARIATLE	, •	•••••	• • • • • • •	• • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	••••••	
	 	////////	,,,,,,,,	,,,,,,,,	///////		////////	//////	///////	////////	11111111	8.8	/////
TOTALS	 17.4 				5.7							100.0	7+2

GLOFAL CLIMATOLOGY BHANCH USAFLTAC AIR mFATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUNLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 17-86 Month: Jun Hours(LST): 2130-2300 NIND SPEED IN WHOTS
DIPACTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 MEAN WIND (DEGREES) 1 N 3.6 3.6 1.8 . 3 . 1 5.8 NNE 1 - 3 ۰٩ 1.0 8.5 NF 2.0 1.6 1.0 . 3 4.9 5.2 FNF . 8 2.1 2.9 4.0 E . 8 . 4 . 2 1.4 3.8 ESF - 7 . 1 . 3 . 1 1.2 5 - 4 . 1 . 1 7.0 1.3 5 5 E . 7 1.6 1.7 1.1 5.0 7.5 S 3.0 8.3 7 - 4 4.2 .7 . 1 23.8 7.6 55% 3.0 3.8 2.3 1.4 . 4 - 1 11.1 6.6 5 ¥ 3 • 5 2.9 1.7 • 6 - 1 . i 5.9 7.6 5.5 • 3 1 - 1 3.5 UN C . 9 . 6 • 3 . 1 1.9 4.8 • 2 • 8 . 9 3.8 N w 1.9 N'N W 1 - 1 2.8 VARIABLE 1 CALP 18.2 ///// TOTALS 9.2 100.0 2.1 5.1

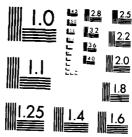
LUBAL CLIMATOLOGY BRANCH SAFETAC IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

TATION NUMBE									MONTH:	JUN	D: 77 Hours(LS	T): AL	
DIRECTION (DEGPIES)	 1-3 	4-6	7-10	11-16	WIN 17-21	10 SPEED 22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	3	MEAN Wind
γ	2.2	1.1	. 4	•2	.1	.0		• • • • • •	•••••	• • • • • • •		4.0	4.4
MM E	1.7	1.1	. 8	. 8	• 2	• 1						4.5	6.8
иŧ	1.9	1.9	1.1	. 3	•0							5 • 2	5 • 2
ENF	1.9	1.6	. 8	• 2	•0							4.4	4.7
É	1.7	1 - 4	• 9	• 2	• 0							4.2	4.9
ESE	1.1	1.0	.6	• 2	٠٥	• 0						2.9	5 • 3
S.F.	1.2	1.0	. 7	• 3	• 0							3 • 2	5.6
122	1.0	1.5	1 . 3	. 9	• 1	•n						4.9	7 . 4
S	2.5	4 • 1	4.2	3.9	1.4	. 3	• 0					16.4	8.9
5.5 W	2.0	2.9	2.6	2 • 7	1.5	• 5	• 0					12.1	9.6
5 ¥	1.9	1.9	1.0	2.4	. 5	. 3						9.3	9 • 2
WSW	1.0	1.2	٩ .	• 7	• 1	.7						3 . 8	6.8
al .	1.1	• 9	. 4	• 2	• 2	• 0						2.7	5 . 8
W N W	.5	. 5	• 2	• 2	. 1	۰۰	.0					1.6	7.3
*a #d	• 7	. 4	• 1	• 1	•0							1.4	4.7
Mile W	. 8	. 3	• 1	• n	•0							1 • 3	3 • 8
VARIAFLE	 	• • • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	••••••	•••••	••••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••
(110	111111111	///////	///////	11111111	///////	//////	11111111	//////	///////	,,,,,,,	,,,,,,,,	17.9	111111
101461	23.2	22.7	17.0	13.3	4.6	1.3	• 1					100.0	6.0

THE NUMBER OF DISERVATIONS: 7200

AD-A175 365 2/4 UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHART NATIONAL HUREAU OF STANDARDS 1965 A















GLUBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

									MONTH:		HOURSILS	•••••	
PECTION EGREES)	1-3	4-6	7-10	11-16	17-21	ND SPEED 22-27	IN MNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N I	4.4	1.2	• • • • • •	• • • • • • • •		• • • • • • • •	• • • • • • • •	•••••		• • • • • • •		5.6	2.6
NNE	4.4	1.9	• 2	•6	-1							7.3	4.0
NE I	3 • 2	1.6	• 6	. 4								5.9	4.4
ENE I	1 • 9	1.4	1.3	. 3								4.8	5.1
. !	2 • 6	1.0	. 4									4.0	3.2
ESF	1.5	. 3	• 1									1.9	3.1
SE !	• 3	• 2	.5	•1								1.2	6.5
SSF	.9	. 1	. 4	• 2		. 1						1.7	6.3
5	1 • 4	4.3	9.0	3 - 4		• 1						18.3	8.1
ssw [1.8	2 • 8	3.1	1.6								9.4	6.7
S W	1.5	2.3	• 3	• 3								4.4	4.6
พรพ [• 9	1.7	• ?									1.9	4 • 1
. !	1.1	.5										1.6	3 • 1
uvu	. 4	. 4	• 2				. 1					1.2	6.6
Nie	1.0		• 2	• 1								1.3	4.2
NNW 1	1.7	• 6										2.4	2 • 8
ARIAFLE		• • • • • •	• • • • • • •		•••••	• • • • • • • •	• • • • • • •		• • • • • • •	••••••	• • • • • • • • •	•••••	
ALP [,,,,,,,,,	,,,,,,,,	//////	,,,,,,,,,,	//////	(1111111	,,,,,,,,	1111111	12111111	,,,,,,,	,,,,,,,	27.1	,,,,,
CTALS 1	28.8	19.7	14.0	7.2	,	. 5	.1					100.0	4.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR @EATHFR SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER	723865	STATION	NAME:						HONTH:		HOURS (LS)	-86 (): 03U0-	0500
DIRECTION (DEGPEES)		4-6	7-10		wI		IN KNOTS 28-33		41-47			TCTAL	MEAN WING
N	4.4	1.9	. 3	-1	•••••	•••••	• • • • • • • • •	• • • • • •	•••••	• • • • • • • •	•••••	6.8	3.2
NNF	5.6	1.4		• 2								7.2	2.8
ΝE	4.2	3.7	• :									7.7	3.6
FNF	3.2	2.7	1 • 3									7.2	4.3
Ł	2.2	1.9	• 5									4.6	3.9
をひを	. 9	. 4		-1								1.3	3.0
SE	1.2	.6	• 2	•1								2 • 2	4.1
\$\$F	.6	• 2	• 6	•1								1.6	5.7
s	. 9	2.5	4.3	3.5	• 2							11.4	9.0
SSW	.9	1.7	1.2	. 9								4.6	6.7
SW	1.4	1.5	• 2									3.1	3.9
NSW	.5	. 4	.7									1.2	4.5
*	1.2	.6										1.8	2 • 8
HNW	1.1	. 3	. 3									1.7	3.9
NV	• 8	. 4	• 1									1.3	3.6
NNW	1.3	.5										1.8	2 • 8
VARIAPLE 1			• • • • • •		• • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••	• • • • • • •		•••••	
CAL "	,,,,,,,,,	,,,,,,,,	111111	,,,,,,,,,	,,,,,,,	////////	(11111111	(()(()	,,,,,,,,,	.,,,,,,,,,	,,,,,,,,	34.4	111111
TOTALS	30.1	20.3	9.0	5.1	• 2		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					100.0	3.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

TION NUMBER	723865								HONTH:		HOURS (LS	-86 1): 0600-	0800
DIRECTION ((DEGPIES) (4-6	7-10	11-16	WI! 17-21	ND SPEED 22-27	IN KNOTS 28-33	34-40	41-47	-	GE 56	TOTAL &	MEAN WIND
N !	.8	. 3	• • • • • • •	• • • • • • • •	•••••		• • • • • • • •	• • • • • • •		•••••		1.1	2.9
NNE !	1.2	1.2		• 2								2.6	4.3
NF	2 • 2	1.9	1 - 4	.4								5.9	5 • 3
ENF 1	2 • 2	1.9	1.4	•1								5 . 6	4 • 5
E.	2.0	2.4	٠.									5.1	4 • 2
FSE !	• 9	1.7	1.2									3.8	5.4
S.F.	•5	1.1	. 8	•6								3.0	6.9
\$SE	1.8	• 8	. 3	• 9	• 2							4.0	6.6
5	3.5	1.5	3 • C	3 • Q	• 5							11.6	7.9
SSW !	3 • 1	1.2	1.3	1.1	.1							6.8	5.7
S W	2•0	1.1	• 5	. 1								3.8	4.0
พรพ	•8	. 5										1.3	7.9
•	1.9	• 5	. 1									1.6	3 - 3
ana l	.8	. 4										1.2	3.1
VM .	• 6	. 1										.9	2.0
NNW I	• 9	. 1										• 9	2 • 1
VARIAPLE		• • • • • • • •	• • • • • • •		• • • • • • •	••••••	• • • • • • • • •	• • • • • •	•••••	• • • • • • • •		• • • • • • • •	
CALM	,,,,,,,,,	///////	,,,,,,,	///////	,,,,,,,	///////	,,,,,,,,,	//////	///////	///////	,,,,,,,	41.1	,,,,,,
TOTALS	24.2	16.9	10.6	6.5	.9							100.0	3.2

TOTAL SUMPER OF ORSERVATIONS:

GLUBAL CLIMATOLOGY RRANCH USAFETAC AIR WEATHFR SERVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

IPECTION DEGREES)		4-6	7-10	11-16	17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
ν !	.6	.1	. 3	•••••		• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	1.1	4.2
NNE	.4	. 4	. 6	. 3	• 1							1.9	7.7
NE !	1 • 3	1.0	1.7	. 5	•2							4.7	6.9
ENE !	1.0	2 • 3	1.3	. 3	•1							4.9	5 . 8
E !	4.0	4 • 2	2.0	.6								10.9	5.0
ESF	1.5	3.5	3.0	1.1								9.1	6.4
ა€	1 • 1	3 • 1	2.5	•6								7.3	6 • 1
SSE	2 • 5	2.7	1.6	.6	• 3	• 2						0.8	6.4
s i	3 • 4	2.7	3.5	3.8	. 9	. 1						14.4	8.3
\$5 m	3.5	2.4	1.9	2.6	1.0	• 1						11.5	0.0
SW	2.6	1.7	1.0	1.0	.3	• 2						6 . 8	6.8
H5W	• 6	•6	• 1	- 1								1.5	4.7
-	1.7	.5	• 2	• 1								2.6	3.4
שאש	• 2	• 2										. 4	3.5
14W	• 3											• 3	2.0
NNW 1	• 3	• ?										.5	3.6
VARIA'LE	•••••		• • • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••
CALM	/////////	1111111	,,,,,,,	,,,,,,,,	,,,,,,,	1111111	11111111	///////	,,,,,,,,	,,,,,,,	,,,,,,,,	14.0	,,,,,,
TOTAL:	25.2	25.7	19.9	11.7	2.9	.+						100.0	5.7

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 77-86
HONTH: JUL HOURS(LST): 1200-1400

• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	••••••			• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	-1400
IRECTION DEGPERST	1-3	4~6	7-10	11-16	17-21	22-27	IN KNOTS 28-33	34-40	41-47	48-55	GE 56	TCTAL	ME AN WIND
N į	• 3	. 3	.1		•••••	•••••	•••••	•••••	•••••	•••••	• • • • • • • •	.8	3.6
NNE	. 4	• 9	• 2	•1								1,6	5.0
NE 3W	1.1	.6	. 3	• 2	•2							2.5	5.9
ENE !	1.0	1.0	. 8	• 2								2.9	5.4
E	1.6	2.2	1.3	1.1	. 1							6.2	6.9
ESE	1.1	1.6	2.6	1.1	. 1							6.5	7.8
SF	1.6	2.4	2.9	.9	. 3							8.1	7.2
SSE	1.8	3.2	2.5	1.7	. 4							9.7	7.4
s	2 • 8	3.8	4.3	3.8	1.2							15.8	8.5
ssw	1.9	4.2	3.4	4 - 1	1.8	. 2						15.7	9.5
s w	1.2	1.9	4 • C	3.5	1.0	• 2						11.8	10.0
M2 h	. R	2.4	1.4	1.0			. 1					5.6	7.5
*	1.6	1.4	. 4	• 3		. 1						3.9	5 - 2
MAN I	•5	• 2	• 1		- 1							1.0	5.9
	• 4	٠,										.8	3 - 1
NNN !	.4	• 1										.5	2 • 4
ARTAPLE		•••••	• • • • • • •	• • • • • • • • •	••••••	• • • • • • •	•••••	• • • • • • •		•••••	• • • • • • •	••••••	•••••
, r.m	,,,,,,,,,	1111111	,,,,,,,	,,,,,,,,	///////	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	6.8	,,,,,
CTALS	18.5	26.5	24.3	18.0	5.3	• 5	• 1					100.0	7.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FPEQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

	MONTH: JUL HOURS(LS											T): 1500-1700			
IRECTION DEGREFS)	1 1-3	4-6	7-10	11-16	WIN 17-21	10 SPEED 22-27	IN MNOTS 28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND		
Ν.	1.1	. 1	•1	• • • • • • • •	•••••		• • • • • • • •	• • • • • •	•••••	• • • • • • • •		1.3	2.4		
NNE	.1	• 2	. 2	.1								•6	7.0		
NE	.2	. 9	. 2	. 3		- 1						1.7	8 . 3		
ENE	.9	. 5	• 2	• 2								1.8	4.6		
٤	1.0	1.8	1.7	. 4	• 2							5 • 2	6.9		
E∍F	1.0	1.3	2.6	. 8	.3							5.9	7.9		
sŧ	1 1.2	1.5	1.4	1 • 3								5.4	7.2		
SSF	1 • 2	2.6	1.1	. 9	•1	. 1						5.9	6.8		
\$	2.7	2.7	4.1	5.8	1.2	. 1						16.6	9.5		
5 S ¥	1.3	3+5	5.3	6.5	1.6	. 4						18.6	10.3		
S W	1.5	3,1	3 . 3	8.5	2.0	. 3						18.8	11.0		
W 2 W	1.2	1,4	2.2	2.3	. 4	. 1						7.5	9.4		
w	1.3	1.3	1.1	•6								4.3	6.3		
W N N	.5	. 1	• 2									.9	4.4		
NA	i .4			.1								.5	4.6		
NNW	.2		• 1									. 3	4.3		
ARTABLE	! * 	• • • • • • •				• • • • • • •		•••••	•••••	••••••	••••••	••••••	•••••		
164		,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	//////	,,,,,,,,	,,,,,,,,	,,,,,,,,	4.6	,,,,,,		
OTALS	l l 15.7	21.1	23.6	27.7	5.9	1.2						160.0	6.5		

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE UF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUNLY OBSERVATIONS

TION NUMBER:										(): 1830-2400			
	• • • • • • • • •		• • • • • • •	• • • • • • • •			IN KNOTS		• • • • • • • •	• • • • • • • •	•••••	• • • • • • • • •	•••••
DIRECTION IDEGREES)	1-3	4-6				•	26-33				GE 56	TOTAL	MEAN WIND
N į	• 6	•6	•••••		••••••		• • • • • • • •		• • • • • • •	•••••	•••••	1.3	3.3
NNE !	• ?	. 4	1.	• 1								.9	5.6
N.E.	•6	• A	• 5	. 4	• 1	• 1						2.6	7.5
ENE	•5	. 4	• 6	•1								1.7	5 • 5
E	1 • 3	2.0	1.5		•1							4.9	5.5
FSE !	1.5	1.6	1.2	.4	•1			.1				4.9	6.6
S.E.	1.0	2.6	2.2	. 9	•1	-1						6.8	7 • 2
SSF	1.9	1.5	2 • C	2 • 4	•1							9.0	8.0
١ ،	4.9	6.2	4 . 8	3 . 2	• 3	•2						19.8	6.9
ssw	3.1	4.7	5.4	3.3	. 4							17.0	7.4
S W	1 - 3	3.0	4.6	3.4	• 1							11.9	8.3
wsw !	•6	1.7	2.2	1.5								6.0	7.7
· .	1.0	• 8	• •	• 2								2.8	5.4
WWW !	.5	. 4	. 4									1.4	4.9
N.W .	• 3	. 3	. 1									.8	4.4
NNW I	• 2	•1										• 3	2 • 0
VARIABLE		• • • • • • •	• • • • • • •		•••••	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • •		
CALH /	(((((()))	,,,,,,,	///////	,,,,,,,	11111111	,,,,,,,	<i></i>	//////	,,,,,,,	,,,,,,,,	,,,,,,,	9.0	111111
TOTALS (19.8	27.3	25.9	16.0	1.4	. 4		• 1				100.0	6.4

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

									MONTH:			T): 2100-	
IPECTION DEGREES)	1-3	4-6	7-10		17-21	22-27	IN KNOTS 28-33	39-40	-			TOTAL	MEAN Wind
1 4	3.4	1.9	.4	• 2	.1	• • • • • • • •	• • • • • • • • •	• • • • • •	•••••	• • • • • • • •	•••••	6.1	3.9
NNE I	1.9	.6	• 2	• 2	•2	- 1	. 1					3.3	6.5
NE I	2.0	1.0	. 8	.3								4.1	4.9
ENE	1.1	1.8	. 4	• 2								3.5	4 - 8
E !	1.2	• 9	. 2									2.3	3.6
r5f	. 4	. 3	• 3	.5	. 3							1.9	8.9
SE !	1.9	. 4	1.5	. 4								3.3	6.5
SSE	.6	1.3	1.4	1.5								4.8	6.0
s į	3.2	e • 1	8.8	2.9	. 4							23.4	7.2
SSW	3.5	4.9	1.7	• 5								10.8	4.9
S w]	2.5	2.9	.6	• 1	• 2							6.3	4.6
WSW !	1.9	1.7										3.7	3 • 2
• !	1.9	. 4	• 3									2.7	3 • 1
พทพ	.9	. 4	• 2	• 1		•1						1.7	4.7
NK	1.4	•2	•1		. 1							1.8	3.6
NN L	1.5	• 5	• 1	•1								2.3	3.3
VARIADLE			• • • • • • •	•••••	•••••		• • • • • • • •	• • • • • •	•••••	• • • • • • • •			•••••
CALM	////////	///////	,,,,,,,	11111111	,,,,,,,	,,,,,,,	,,,,,,,,	//////	///////	1/1/1/1/	,,,,,,,	17.8	/////
TOTALS	28.5	27.5	17.2	7.2	1 . 4	. 2	.1					100.0	4.6

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION V€RSUS WIND SFEEU FRO™ HOURLY OBSERVATIONS

STATION NUMBE	R: 723865	STATION	. NAME:						PERIOD MONTH:	OF RECOR	D: 77- HOURS(LS		L
DIRECTION (DESREES)		4-6	7-10	11-16	WI7-21	22-27	IN ANOTS 28-33	,	41-47	48-55	GE 56	TCTAL	MEAN WING
N	2.0	-8	. 2	.0	•0	• • • • • • •		•••••	•••••	••••••		3.0	3.2
NHE	1.8	• 9	• 2	• 2	• 1	• O	• C					3.2	4.5
NE	1.9	1,3	. 9	• 3	• 1	• 0						4.4	5.3
ENE	1.5	1.5	• 9	• 2	.0							4.1	4.9
E	2.0	2.0	1.0	. 3	• 1							5.4	5.0
£5F	1.1	1.4	1.4	•5	• 1			•0				4.4	6.7
SE	1.0	1.5	1.5	.6	- 1	• 0						4.7	6.7
? S F	1.4	1.5	1.2	1.0	• 1	. 1						5.5	7.1
5	2.9	4.0	5.2	3.7	• 6	• 1						16.4	8.1
5.5 W	2.4	3.2	2.9	2.6	• 6	- 1						11.8	7.9
2 W	1.7	2.2	1.7	2.1	• 5	• 1						8.4	8.2
N . W	1 .9	1.2	•€	• 6	• 1	• 0	• 3					3.6	6.8
	1 1.3	. 9	. 4	• 2		•0						2.7	4.5
en v	1 .6	. 3	• 2	• 0	• 2	• 0	• 0					1.2	4.7
N.W.	l l .7	• 2	• 1	.0	• 5							1.0	3.6
** Pe w	! ! .a	. 3	• ເ	•0								1.1	2.9
	! ••••••												
AWM THIE	i i											·	
CALM	! <i>////////</i> .	,,,,,,,	////////	///////	///////	///////	11111111	//////	,,,,,,,,	,,,,,,,	,,,,,,,,	19.4	/////
TOTALS	23.9	23.1	10.5	12.4	2 • 3	. 4	• 0	• 0				100.0	5.4
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • • •		• • • • • • • • • • • • • • • • • • • •									

TOTAL HIMMEN OF OPSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEEL FROM HOURLY OBSERVATIONS

FCHAUD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

WIND SPEED IN KNOTS
7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE SA T/TT STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV DIRECTION OFGEE'S) 3.0 N 4 - 1 6.1 NNE 3.4 1.9 • 5 1.1 7.6 6.4 NE 4.1 1.1 • 2 • 1 7.7 4.3 1.9 1.1 • 3 6.1 4.3 ENE 2.8 ε 3.0 1.6 3.8 • 2 1.3 ESE • 6 . 4 2.4 7.4 ٠, • 5 • 5 SE . 6 • I 8.5 SSF . 4 . 6 . 6 • 5 - 1 • 1 2.5 2.5 • 1 10.3 8.6 1.3 2.4 3.8 • 3 55 W 2.0 1.7 1.1 6.0 6.7 1.0 1.9 3.1 4.2 • 5 • 5 . 1 1.2 3.7 1.3 . A • 3 • 2 • 5 . 3 • 1 5 N % • 1 1.0 4.9 24.74 • 5 . 3 . 1 1.3 • 2 2.3 2014.38 CALM 34.2 ///// TOTAL 6.6 100.0 3.7

TOTAL NUMBER OF UESERVATIONS: 930

UL DRAL CLIMATOLOGY BRANCH USAFETAC AIR 4E4 THEK SERVICE/MAG

STATION NUMBER: 723965 STATION NAME: NELLIS AFB NV

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

						,				• • • • • • •			050G ••••••
IRECTION DEBFECS)	1 - 3	4-6	7-17		WIN	ID SPECO	IN KNOTS 28-33		41-47	48-55	GE 56	TCTAL 2	MEAN Winu
N [4.9	1.2		•••••		••••••	• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • •	•••••	6.2	2.7
NNE I	4.8	1.5	. 5	. 4	• 1							7.4	3.8
NF I	4.0	3.0	. 4									8.4	3 • 4
ENE 1	4 • C	3.5	1.0									8.5	3.8
E !	2.4	1.3	. r									4 • 2	3.6
FSE [1.0	• 5	• 4	. 1								2 • 4	5.1
5E	. 4	.5	• 5	.4								1.9	7.2
55F	• 2	.2	• 2	. 4								1.1	8.8
5	1.7	1.8	2.t	1.5	. 1							7.0	7.8
SSW	1.0	.6	. 9	.5								3.0	6.5
2 W	. 9	1.6	• 1									2 • 6	4.3
WSW	• 8	• 2										1.0	2.6
	• 5	•5	• 1	.1								1.3	4 . 8
WNW	• 2	• 2	• 1	. 1		• 2						. 9	10.9
914	. 4	. 3										.8	2.9
NN W	1 • 5	۰.										2 . 3	2 • 7
VARIACLE 1		•••••	• • • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	• • • • • • •	• • • • • • • •		
CALM !	,,,,,,,,	,,,,,,,,	////////	,,,,,,,,	,,,,,,,	1111111	,,,,,,,,	//////	///////	,,,,,,,,	,,,,,,,	41.2	111111
101115	28.9	18.0	7.5	3.7	• 2	• ?						100.0	2.7

TOTAL SUMPER OF GSSERVATIONS: 030

GEDEAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

1				• • • • • • •			IN KNOTS			• • • • • • •	•••••		• • • • • • •
PECKION	1-3	4 - e	7-10		17-21	22-27	28-33	34-40	41-47		G€ 56	TCTAL 3	ME A N W I N D
N I	1 • 3	. 4		• • • • • • • • •	•1			•••••				1.8	3.8
NNE	1.5	. 6	. 4									7.6	3.7
NE .	2.0	2.4	1.2									5.6	4.6
ENE	2.5	4.4	1.7	• 1								8.7	4 • 8
.	1 - 3	3.2	1.6	- 1								6.5	5.4
FSF	1.7	1.3	1 • ?	. 1								3.7	5 • 5
SF	. 4	.6	. 8	• 2	-1							2.2	6.7
:st	1.6	• 5	٠.٤	. 4	• 1							3.4	6.0
ا د	3 • 1	1.2	1.6	1.1	•1	• 1						7.2	6.2
5 ×	2 • 9	. 5	٠.6	. 3	- 1							4.5	4.5
2 M	1.4	1.0	• 3									2.7	3.8
W S W	• 6	• 1	• 1									•9	2.8
• ;	.6	.3										1.0	2.9
WVW	.5	• 4	• 1	. 1								1.2	4.6
n k	• 2				• 1							• 3	7 . 3
N2W }	. 9											.9	2 • 3
VARIABLE		• • • • • • •		•••••	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	•••••
(ALM 1/	11111111	////////	,,,,,,,	,,,,,,,,	///////	1111111	,,,,,,,,,	///////	,,,,,,,,	,,,,,,,	,,,,,,,,	47.0	111111

THIAL HUMBER OF GOSERVATIONS: 030

GLDEAL FLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

DIPECTION I COESPEES I	1 ~ 3	4-6			MIN	AD SPEED	IN KNOTS						
				11-16	17-21	22-27	28-33	34-40				TCTAL	MEAN WIND
	.6	•2	.1	• • • • • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	•••••	• • • • • • • •	• • • • • • •	1.0	3.9
NNF	.6	. 5	. e	• 2	. 1							2.3	6.7
45	1.9	2.4	2.2	• 5								7.0	5.8
FNE	1.9	3.2	1.6	- 1								6.9	5.0
E	3.9	5 • 1	2.6	. 4								11.9	5.0
FSF	2 • 5	2.5	1.6	.6								7.2	5.3
SF	2.6	2.7	1.8	.6								7.2	5.5
SSF	2.9	2.5	2.4	1.3								9.0	6.1
s	4 • 2	1.9	2.2	2.2	• 5							11.0	7.0
55 %	2•4	1.3	1.2	1.1	• 3	. 1						6.3	6 • 8
أ تدد	2.4	1.6	• 5	• 2	- 1							4.8	4.5
h > h	1.3	.6		.1								1.7	4.1
- j	• 5	• 1	• 2									.9	4.0
มหม (.5	• 3	- 1	• 1								1.1	4.5
98	• 5											•5	1 • 4
ยกพ	• 1	.1	• 1									. 3	5 • 3
VARTABLE !		• • • • • • • •		•••••		• • • • • • •	• • • • • • • • •	• • • • • •	•••••		• • • • • • • •	•••••••	,
CALM /	(////////	////////	,,,,,,,	///////	,,,,,,,,	///////	,,,,,,,,	//////	,,,,,,,,	((((((1111111	20.9	/////

TOTAL NUMBER OF UBSERVATIONS: 930

EJEAL CLIMATOLOGY BRANCH SAFLTAC VM HEATHER SERVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

 IPECTION (23543U	1-3	4-6	7-10	11-16		0 SPEED 22-27	IN KNOTS 28-33		41-47	48~55	GE 56	TCTAL	MEAN Wind
N]	1.0	-5	-1	•••••	••••••	•••••	• • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	•••••	1-6	3,2
MNE	.9	. 2	• 5	. 1								1.4	4.5
NF	1 • 2	1.4	• 5	. 1								3.2	4.5
ENF	.9	1.4	-1	• 2								2.6	4.9
٤	1.8	2.3	1.8	1.0								6.9	6.4
ESE	1.4	2.7	3 • C	1.0	• 2							8.3	6.8
51	1 • 8	3.0	1.9	1.2								8.0	6.3
367	1 • 3	2.3	2.0	1.6	• 2							7.4	7.9
s į	2.7	6.6	4.7	3 . 3	. 4	• ?						16.0	7.6
55₩	2 • 2	2.3	2.7	3 • 4	.8	• 5						11.5	9.1
ا اسد	2 • 3	3.4	2.0	3.4	.8	.5						12.5	6.5
H2H	1 • 3	1.0	• 6	. 3	.1							3 • 4	5.6
•	1.7	1.3	. 4	• 1								3.0	4.5
สาเต j	• 2	. 3			- 1							•6	6.8
- t-w - j	• 5	. 3			• 1							1.0	4.9
NNW I	• A											• 8	1.9
MA TAPLE		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	· · · · · · · · ·	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		
. 1	,,,,,,,,,,	1111111	,,,,,,,	////////	///////	,,,,,,,	,,,,,,,,	///////	/////////	1111111	,,,,,,,	9.9	,,,,,
וטוירי	21.3	26.9	23.4	15.8	2.7	1.0						100.0	6.4

TAL COMPER OF OBSERVATIONS: 750

CONAL CLIMATCLOGY BRANCH AFETAC 12 MFATHER SERVICEMMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

		• • • • • • • • •	• • • • • •	•••••	H7A		IN KNOTS		• • • • • • •	• • • • • • •		• • • • • • • • •	******
CIPECTION	1 - 3	4-6	7-10	11-16		22-27		34-40	41-47	48~55	G€ 56	TOTAL 1	ME AN WIND
	.4	.?		.1	••••••		• • • • • • • •		••••••	•••••		.8	4.3
ME	.5	. 3	• 3	• 2		• 1						1.5	7.3
NF	• 3	• 5	• 3	. 1								1.3	5.9
FNE	.6	1.2	• 2	•1								2.3	4 • 7
٤	1.6	1.9	2•€	. 8								6.8	6.5
F5F	1.3	1.5	2.7	1.0								6.5	7.0
51	, 9	2•9	2.1	1 • 2	- 1							7.1	7 • 2
555	1.1	1.9	1.6	1.3	• 2							6.1	7.3
5	2.7	3.4	5.3	4.2	•5							16.2	8 • 2
SSW	1.5	2.7	4.2	5 • 2	1 • 3							14.9	10.0
5 W	1.5	3 • t	2.0	6.2	1 - 1	• 2						14.2	10.3
#2#	1.1	• 5	. 8	1.5	. 4							4.4	9.0
	1 - 1	• 9	. 3	.5								2.8	6.1
#N#	.9	.5		.5	• 1	• 2						2.3	8.4
46	. 3	. 4	• 1	. 1		•1						1.1	7.2
tinu	•1											•1	3.0
VARIAPLE 1		•••••	• • • • • • •			• • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •			• • • • • • • •	• • • • • • • • •	
CFLM !	,,,,,,,,,	,,,,,,,	,,,,,,,,	11111111	,,,,,,,	//////	11111111	1111111	,,,,,,,	,,,,,,,,	,,,,,,,,	11.7	/////
TOTAL 1	15.0	22.1	22.7	23.1	3.8	.6						100.0	7.3

TOTAL NUMBER OF GRSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PLRCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM MOURLY OBSERVATIONS

TION NUMBER:	723865	STATION		NELLIS A				:	MONTH:		HOURSILS	-86 T): 1800-	2000
DIRECTION OFFICERS)	1-3	4-6	7-10	11-16	17-21	D SPEED	IN KNOTS		41-47		GE 56	TCTAL	MEAN WIND
и ј	.5	.5	• • • • • •	-1			*******	• • • • • • •	• • • • • • • •	• • • • • • • •		1.2	4.3
NNE	• 3	. 8	• 3	. 3	. 1	• 1	. 1	•1				2.2	10.6
NE !	• 8	. 5	• 1	• 5	- 1							2.0	7.1
ENE !	. 9	• 5	• 2		• 2							1.8	5.2
Ε	1.5	1.0	• 2	• 2								2.9	4.3
ESF	• 8	1.8	3 • G	. 9	• 2							6.7	7.8
S.€ .	1.8	2.4	2.0	. 9		• 1						7 • 2	6.4
SSE	2 • 2	1.9	2.4	1 • 3	• 3							8.1	6.8
s	5 • 1	8.1	6.4	1 • 8	. 4							21.8	6.4
SSW	2.8	3.1	3.9	1.6	• 2							11.7	6.8
SW	.9	Z + 3	3 • 7	1.7								8.5	7.9
WSW !	• 9	1.6	1.5	• 3								4.3	6.2
н .	• 5	• 5	.6		.1							1.8	6.0
NNA	• 8	• 2	. 3	. 4	• 1	. 1						1.9	8.4
νн !	• 1	. 4		٠ 3	• 1							1.0	8 • 4
N N N	•1			•1					• 1			• 3	20.0
VARIABLE !	••••••	••••••	• • • • • • •	• • • • • • • •	•••••		• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • • • • •	•••••
CALM !	,,,,,,,,	,,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,	1111111	,,,,,,,,,	//////	,,,,,,,	,,,,,,,	,,,,,,,	16.5	/////
TOTAL T	19.8	25.8	24.7	10.6	1.9	.7	• 1	• 1	.1			100.0	5.7

TOTAL NUMBER OF ORSERVATIONS:

CLOBAL CLIMATOLOGY BRANCH
USAFETAC
A19 WEATHER SERVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER	: 723865	STATION	NAME:	NELLIS A	FB NV				PERIOD MONTH:	OF RECOR	D: 77- HOURS (LS)		2300
* * * * * * * * * * * * * * * * * * * *	• • • • • • • •	•••••	• • • • • •	• • • • • • • • •					• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••
DIRECTION (DEGREES)	1-3	4-6		11-16	17-21		28-33	34-40				TCTAL 4	MEAN Wind
N	3.2	1.5	• • • • • •	.3	-1		• • • • • • •	• • • • • • •	•••••	•••••	•••••	5.3	4.2
NNE	2 • 3	1.2	• 1	•5		• 1						4.2	4.9
NE I	1 • 3	• 9	. 6	. 9	• 3							4.0	7.5
ENE	1.7	1.4	. 6	• 2								4.0	4.7
E i	1 - 1	1.2	.6	• 2		• 1						3.2	5.7
ESE [• 5	. 8	• 3	• 2								2.5	6.3
SE I	•5	.5	1 • 4	• 6	•1							3.2	8 • 3
SSE	•6	1.7	1.1	. 8	• 3							4.5	7.7
s	2 • 6	6.4	5.3	2 • 3	• 2							16.7	6.8
SSW	2.6	5.0	2.€	. 4	•2	• 1						10.9	5 • 8
s. i	2.0	3.5	• 9	• 1								6.5	4.6
usu i	1 • 3	1.3										2.6	3.5
• į	1 • 6	1.0	• 3	• 2		• 1						3.2	4 . 8
uvu j	1.0	• 5	• 2	• 1								1.8	4.4
74 W 1	1 • 4	. 4	• 1		• 1							5 • 0	3.7
NNW 1	.9	• 3										1.2	2.7
VARTABLE.		••••••	• • • • • •	• • • • • • • •	•••••	•••••	•••••	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	••••••	
CALM	/////////	,,,,,,,,	//////	,,,,,,,,	//////	,,,,,,,,	1111111	1111111	,,,,,,,,	11/1/1/	1111111	24.1	111111
TOTALS	24.8	27.5	14.9	6.9	1.4	. 5						100.0	4.4

TOTAL NUMBER OF URSERVATIONS: 947

LUGAL CLIMATOLOGY BRANCH USAFETAC 19 WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

DIRECTION COESTRESS	1-3				WIN	D SPEED	IN ANOTS		41-47			TOTAL	MEAN WIND
N J	2.9	я	1	-1	.0	.0				••••••		3.0	3.4
NNE !	1.8	. 9	. 4	. 4	• 1	• 1	•0	. 8	9			3.6	5.6
NF I	2 • 1	1.7	. 6	.3	• 1							4.9	5.0
ENE	1.9	ĩ.2	٠,	-1	.0							5.1	4.5
E }	2.1	2.2	1.3	• 3		•0						5.9	5.2
ESE	1 + 1	1.4	1.7	•5	• 1							4.8	6.4
SF	1 - 1	1.6	1.4	• 7	. 1	.0						4.9	6.6
255	1.3	1.5	1.4	1.0	•2	.0						5.3	7.1
s	2 • 8	4.0	4.0	2.4	. 3	. 1						13.5	7.3
55 W	2 - 1	2.2	2.2	1.7	.4	• 1						8.5	7.6
5 k	1.5	2.3	1.2	1.5	.2	. 1						6.9	7.4
RSH	.9	. 4	. 4	. 3	.1							2.4	5.7
- !	.9	. 7	. 3	- 1	•0	•n						2.1	5.0
WYW .	*6	. 4	. 1	• 2	. 1	. 1						1.4	6 • 9
Ne ye	, E	.3	•0	• 1	. 1	• 0						1.0	5.0
NNW	.7	.2	• c	. 3					.0			.9	3,4
VARIATES		• • • • • • • •		•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	••••••	• • • • • •	• • • • • • • • •		•••••	• • • • • • • • • • • • • • • • • • • •	•••••
CALP 1	11111111	///////	////////	11111111	,,,,,,,,	///////	11111111	//////	11111111	///////	,,,,,,,,	25.7	111111

TOTAL ABBUTER OF OBSERVATIONS: 7432

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WFATH'R SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

76-85

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: MONTH: SEP HOURS (LST): 0000-0200 #IND SPELD IN KNOTS 22-27 28-33 34-40 DIRECTION ! 17-21 TETAL MEAN WIND 1-3 7-10 48-55 GE 56 (DEGPERS) | N 3.€ . 1 . 1 4.9 3.2 NNE 4.7 2.3 . 3 . 7 • 2 8.2 4.4 NE 3.0 2.3 • 2 • 2 5.8 3.6 ENE 4 - 1 2.9 1.0 - 1 8.1 4.0 . 7 E 2.3 .2 2 . 3 4.3 FSF . 9 . 4 1.3 3.0 s٤ . 2 • 2 SSE . 1 • 2 4.3 1.2 2.2 7.9 • 1 • 1 5.8 6.2 . 1 1 - 3 . 9 . 7 . 3 6.4 1.0 4.2 1.0 • 2 . 3 • 2 1.8 5.1 **SAR** • 2 . 1 . 1 • 3 . 8 8.1 . 3 Ne . 7 . 1 1.1 3.5 MILE D CALM 39.6 ///// TOTALS 100.0

TOTAL NUMBER OF OBSERVATIONS:

GLOGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: STATION NUMPER: 723865 STATION NAME: NELLIS AFE NV MONTH: SEP HOURS(LST): 0300-0500 WIND SPEED IN KNOTS 7-1C 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TGTAL MEAN DIPECTION I ME AN (DESPEES) | * . 3 ř. 4.7 • 3 7.6 3.4 3.9 NNE 1.6 • 3 . 4 . 1 6.3 4.0 N E 2.7 2.3 . 7 . 1 5.8 3.8 2.1 2.7 . 8 . 1 ENE 4.0 Ĺ 1.6 2.3 4.7 ESE . 3 6 . 4 • 3 5.5 2.0 1.3 1.9 1.3 7.6 • 3 55 W 1.1 . 1 7.6 . 4 1.2 • 1 . 1 3.3 5 . 4 . 2 • 2 PSE 3 • 3 • 6 . 3 . 1 . 1 . 1 1.7 . 1 KNW 2.8 14.9 1 - 3 . 2 $Nh\, V$ 2.6 VARIABLE I CALM TOTALS 100.0

INTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFLTAC AIR JEATHFH SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

	• • • • • • • •		• • • • • • •	• • • • • • • •			• • • • • • • • •		• • • • • • • •	SEP	• • • • • • •	• • • • • • • • •	• • • • • • •
IRECTION DEGRIFS)	1 - 3	4-6	1-10		17-21	22-27	IN KNOTS 28-33		41~47	48-55	GE 56	TCTAL 3	ME AN WINU
N	1.1	.6	.2	• 3		•••••	•••••	•••••	••••••	••••••		2.2	4.8
NNE	1.9	1.4	1 - 1	• 2								4.7	4.9
NE .	1.4	1.6	1.1	• 3								4.4	5.3
ENE !	2.9	1.9	1.4	• 2								6.4	4.5
ξ .	1 • 2	ĉ.2	1 • 4									4.9	5.0
fsE	•6	. 9	• 1	• 1								1.7	4.3
2t	. 4	.6	. 6	. 4		4						2.0	6.8
55E	. 9	.1	• t	• :	- 1							1.8	6.6
5 .	2.6	1.2	• 9	1.9	• 2							6.8	7.2
rsk l	2.8	• 8	. 6	1.4	. 3							5.9	6.8
5 W	1.5	.6	. 7	. 7								3.4	5.6
#S#	1.1	.4	. 1									1.7	2 • 8
. !	1 - 1	• 2	- 1									1.4	3 • 0
#NH	1 • 3	. !	• 2									1.9	3.2
7.5	1.1	.?	• 1									1.4	3.2
W	. 7	. 3										1.3	2.9
				• • • • • • • •			• • • • • • • • • • • • • • • • • • • •			• • • • • • • •			
1 JUNAINA													
L164 1/	11111111	///////	///////	(11111111	///////	,,,,,,,	,,,,,,,,	//////	///////	,,,,,,,	,,,,,,,	48.3	/////

TOTAL SUMPLY OF OBSERVATIONS: - GOL

LESBAL CLIMATOLOGY BRANCH SSAFETAC AIR MEATHER SERVICE/MAC

PEFCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

LIGA MOH3F&	: 143665	SIRILUN	NAUC:	TEELIS A					MONTH:	OF RECOR		-05 1): 0900-	1100
JIRECTION (BEGREES)	1-3	4-6	7-10				IN KNOTS 28-33	34-40	41-47	48~55	GE 56	TOTAL 2	MEAN WIND
N Į	.9	. 3		• 3			• • • • • • • • •	•••••	• • • • • • •	••••••	•••••	2.1	6.2
NNE	1.0	1.7	2.5	1.3	• 2							5.6	8.3
NE	2.9	3.3	3.3	1.6	. 4							10.7	7.5
E4F	1.8	2.6	3.2	. 8	. 1							8.4	6.5
	4.6	3.2	1.9	. 3								10.0	4.5
ESF	2+2	1.2	1.2	• 6								5 • 2	5 • 3
SF	1 • 3	1.7	1.8	. 4								5 • 2	5.8
rse !	1 • 4	1 • 2	1.6	1.2	• 2							5.9	7 . 4
5	3 • 7	2.3	2 • C	B • 1	. 3							10.1	6.7
55.4	1.9	• 9	1 • C	1.6	1.2	. 4						7.0	9.9
SH [1.8	• ?	. 4	• 5	.6							4.4	7.7
K 2 h	. 9			• 3								1 • 2	5 • 2
4	.9	. 1	• 3	• 1								1.7	4.5
- HNW	• 3	• 3	• 2	• 1								1.0	5.7
4 k [.1	• 1										• 2	2.5
144	• 3			- 1								.4	3.8
VA-IASEE I	• • • • • • • • • • • • • • • • • • • •	••••••	• • • • • •		•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • • • •	•••••
CALM	////////	///////	,,,,,,,	,,,,,,,,	///////	//////	,,,,,,,,,	,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	20.8	/////
101464	2 - 1	14.4	19.5	11.3	3.1	. 4						160.0	5.3

TOTAL NUMBER OF GBSERVATIONS: PLO

GLOMAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PL⊃LENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WINU SFLEU FROM HOURLY OBSERVATIONS

		• • • • • • •	• • • • • • •				IN KNOTS		• • • • • • • •	• • • • • • • •	•••••	• • • • • • • • •	•••••
IRECTION I DESPIESE I		4-6		11-16	17-21	22-27	28-33	34-46			GE 56	TC TAL	MEAN Wind
N I	. 7	. 1	• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••		•••••			.8	7.1
NNE]	1 • 1	• 9	. 6	1.4								4.0	7.7
No.	1 • 9	2 • 1	2.2	1.2	. 1							7.4	6 • 8
ENE	1 • 6	2 • 1	2 • 1	.4								6 • 2	6 • D
	3.6	3.7	2.7	. 4								10.3	5 • 1
ESE !	2 • 7	2.2	1.6	.6	•1							7.1	5 • 3
SE !	2 • 3	3.7	1 . 8	1.0		. 1						8 • 2	6 • 2
ssr	1 • 3	2.2	1.0	•6	. 4							5 • 6	7.0
S]	3.n	3.4	2.2	2 • 8	• 9	. 3						12.7	8 - 3
<5 W	1 - 4	1.7	1.2	3.2	1.1	.6	- 1					9.3	11.0
S #	1 • 3	1.6	1.0	2.6	.9	. 4						7.8	i0.4
ן אנא	1 • 2	8•		1.2	. 4							3.7	8 • 6
- !	1 • 6	• 9	• 2	• 1								2 • 8	3 • 4
979	.7	• 3	• 1	• 1	. 1							1.3	5.6
- Vik	. 4			. 3								.8	6 • 9
Nah	• A	• ?										1.7	2 • 3
VARIADLE 1		• • • • • • •	• • • • • • •	•••••	•••••	• • • • • • •		• • • • • •	• • • • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	
LAL Y	,,,,,,,,,	,,,,,,,	///////	11111111	,,,,,,,	1111111	,,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,	11.0	111111
101467	25.4	25.2	14.7	16.3	4.1	1.4	• 1					100.0	6.5

TOTAL NUMBER OF GRSERVATIONS: 950

LUBERT CLIMATOLOGY PRANCH PERLENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED DIRECTION

STATION NUMBER: 723865 STATION NAME: NELLIS ARB NV PERIOD OF RECORD: 76-85

 LPECTION UEGP1FS	1-3	4 - Ę	7-10		17-21	22-27	IN KNOTS 28-33	34-40			GE 56	TCTAL	MEAN WING
,	.4			. 3		• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	••••••	1.2	6.1
92 Ng B	1 • 3	. 9	.6	1.0	. 1	. 1						3.9	7.6
NE	1.7	1.9	1.2	.7	• 1	. 1						5.6	6.9
ENE	1.4	1.4	1.0	• 2								4 - 1	5.0
	3 • 1	3 • A	1.5	. 4								9.2	5.0
[5F]	1 • 4	1.6	1.7	. 9	• 1	. 1	• 1					5.9	7 • 4
S.F.	1.7	2.1	1.7	1.2	-1							6.1	7.3
555	2 • n	1.8	1.7	1.9	. 4							7.9	7.9
5	2 • 3	?• ?	2.6	2.9	1.2	• 2						11.3	8.9
55 m	2.4	2.6	2.2	2 • 3	1.0	. 4	. 1					11.1	9.0
S %	1 • 6	1.7	2.0	3.9	-8	. 3						10.4	9.9
1 hom	1 - 3	. 7	. 7	1.2	. 4							4.3	8.4
-	.9		. 7	. 3								2.7	6.0
944	. 4	. 1	• t	• 1	•1	- 1	- 1					1.6	9.7
- N.W.	• 3	. ?	•.	• 1	.1							1.1	7 - 7
***	• 2	. 1		• 1								. 4	5.0
vr-IADET I	• • • • • • • •	•••••	• • • • • • • •	•••••		• • • • • • • • • • • • • • • • • • • •	•••••		•••••	• • • • • • •	••••••	•••••	• • • • • • •
sker ja	(11/1/1//	'''''	///////	///////	,,,,,,,	///////	////////	//////	,,,,,,,,	1111111	///////	13.2	/////
TETALS 1	22.7	3	10.6	17.6	4.5	1.4	. 3					109.0	6.7

THIRL WINSHIP OF COSPRENTIONS: 00 C

JEBRAL CLIMATOLOGY BRANCH PERLENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED OF AFRICAL FROM HOURLY OBSERVATIONS

STATION NUMBER	R: 723865	STATION	NAME:	NELLIS A	FB NV				PERIOD	OF PECOR SEP		85 1: 1830-	2000
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • •	•••••	• • • • • •	• • • • • • • • • • • • • • • • • • •			IN KNOTS		•••••		• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
LIPECTION (DEGREES)		4-6	7-10	11-16					41-47	48-55	GE 56	TCTAL	MEAN WIND
	1 2.7	1.7	• • • • • •	• • • • • • • • •	• 2	• • • • • • • •	••••••	• • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	4.6	3.8
	İ												
инт	3 • 3	1.9	• ₺	• 2	- 1							6.3	4.5
ΝE	3.3	1.6	• 3	. 3								5.6	3 • B
FNF	2 • 3	1.0	• 3	. 3								4.0	3 • 9
Ł	, 2.5	1.0	• ₹									3.9	3 • 3
FSF	1.7	1 - 1	. 6	. 4								3.8	4.9
5.5	1.9	1.3	1.0	. 4	- 1							4.7	5.9
551	1 1.5	. 4	1.1	• R	•1							4.0	6.9
,	3.6	٠.٥	4.1	1.7	.7							17.6	7 • 1
5.4	2.7		1.0	• 5	. 2	• ?	. 1					7.9	6.6
ವ #	1.1	1.6	1.4	. 5	- 1	• 1						4.9	7 . 1
4.5	1 1-1	•*	. 4	.3								2 . P	5.3
•	.7	• 1.		- 1	. 1		• \$					1.9	7.6
* '* *	1 .4	• 6	• 4	. 1		• 1						1.7	7 . 3
N/W	! • • !	. 4	• `									1.1	4 . 3
NA W		. 4	• ."	. 1								1.6	4.9
V to tare F		• • • • • • • •	• • • • • •	• • • • • • • • •		• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • •			• • • • • • • • •	
i. ≱i. ►	 <i> </i>	////////	//////	,,,,,,,,,	////////	11111111	,,,,,,,,	,,,,,,	////////	,,,,,,,,	,,,,,,,,	23.9	111111
TOTAL 1	27.7	۵	14.7	7.:	1 - 7	. 4	• 3					irm.n	4.3

FOIAL SHREET OF BROFEVATIONS: 100

SECTAL CLIMATOLOGY PRANCH TARETAC ALC WEATHER SERVICEMMAC PERLENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM POURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: MELLIS AFE NV PEPIOD OF RECORU: #IND SPEED IN MNOTS

INDICATION 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TOTAL MEAN Caractes) (1 WIND 3 . . 1.3 • 1 4.7 2.8 ٠,٠,٠ 3.6 1.4 . 2 . 6 • 3 . 1 . 1 6.3 5 . 3 1, 0 2.6 1.1 . 4 . 1 . 1 1.1 5.9 6.0 ٠., 2.6 1 28 • t . 1 5.4 4 . 1 1 . 9 1.7 . 7 4.1 3.8 1 🛫 : • 6 . 1 4.9 - 1 . 2 7.4 . 2 • 1 . 9 7.6 10.4 6.8 2.4 . 6 . 1 - 1 8.1 5.6 1.0 7. ? 6.4 6.3 1.4 . 1 3.7 3.0 1.2 • 2 . 7 2.2 5.2 . 1 9.7 1.7 . 7 . 4 1.2 3.5 ٠,٠, , 1.7 . 4 35.6 //////

. ?

130.3

3.4

TO TALL NUMBERS OF SPRINGTIONS SOLD

9.1

1.3

VIMATOLOGY BRANCH PROCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

1 1 P 1 C	1 - 3	4-6			WII	ND SPEED	IN KNOTS					TCTAL	MEAN WING
•••				• • • • • • • • •						<i>.</i>			
- [2 • 2	• 9	• 2	• 2								3.5	3.7
- 1	2 • 5	1.4	. 8	. 7	• 1	• 0	• 0					5.7	5 • 6
į	2 • 3	2.0	1.3	. 7	•1	• 0						6.4	5 • 7
į	2 • 4	2.0	1.3	. 3	• 0							6.1	4.9
1	2.6	2.5	1.3	• 2								6.6	4.6
!	1+3	1.9	.7	. 3	•0	• "	.0					3.4	5 • 4
!	1.7	1.2	• •	.5	•0	• 0						3.6	6.4
1	1.3	• 8	. P	• 6	• 2							3.5	7.2
1	2.5	2.8	2.6	2.1	• 5	. 1						10.5	7 • 6
1	1.9	2.0	1.5	1.3	• 5	.?	٠.					7.5	8 • 1
į	1.5	1.5	. 9	1 - 1	. 4	. 1	• 0					5.5	8.0
	1.1	. 6	• 2	. 4	. 1							2.5	5 • 9
į	1.7	, 5	• 2	• 1	. 1		•0					2.0	5 • 1
į	•7	٠,٦	• 2	• 1	• 1	. 1	.0					1.5	6 • 3
	• 6	. 3	. 1	. 1	• 0							1.1	4 • 2
1	٠٩	. 3	• C	- 1								1 • 2	3 • 2
 !		• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •			•••••		•••••	• • • • • • • • • • • • • • • • • • • •	
1.	/////////	///////	,,,,,,,	////////	,,,,,,,	1111111	/////////	,,,,,,	///////	(1/1/1/	,,,,,,,,	29.6	111111
1	25.5	20.2	13.1	0.7	2 2	. 6	• 1					100.0	4.3

- HE CHSERVATIONS: 7000

ATOLOGY BRANCH

PEFCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

SERVICE/MAC

1-3	4-6	7-1C		WIN	D SPEED	IN KNOTS 28-33					TOTAL	ME AN
4.3	2.0			• • • • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	7.5	4.0
4.9	1.3	1.6	. 4	• 1							8.3	4.5
2 • 8	2.3	1.5	• 3								6.9	4.9
2.0	1.4	. 4									3.9	3 • 6
1.9	1 • 4	. 5	• 1								3.9	4 • 3
1 • 2	. 6	. 1			•						1.9	3 • 1
• 3	• 2		• 1	• 1	. 1						.9	8.8
• 3	. 1		• 3	• 1							.9	9.0
1.0	• A	1.9	1.2	• 5							5.4	9.0
.9	٠ ٦	• 5	1 - 1	- 1							2.9	8 . 3
1 - 1	• 5	. 4	•1								2.2	4.5
• 9	. 1										.9	2 • 5
1.6	. 4										2.0	2 • 5
• 9	• 6		• 1								1.6	3.7
1.1	.8			• 2							2.0	4 • 5
1.4	٠.	• 3	• 1								2.6	4 . 3
	•••••	• • • • • •	• • • • • • • •	•••••	•••••	• • • • • • • • •	•••••	•••••	•••••	• • • • • • •	• • • • • • • • •	•••••
,,,,,,	///////	///////	,,,,,,,,	11111111	//////	,,,,,,,,,	,,,,,,	11111111	,,,,,,,	,,,,,,,	46.3	/////
26.1	13.8	3. *	4.2	1.2	. 1						100.0	2.7

- OF CHSERVATIONS: 937

AL CLIMATCLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED From Hounly observations Heather Service/Hag

Sumber]	: 723965	2141169	I MAME:						MONTH:	OF RECOR	HOURS (LS	T): 6300	0500
inection inection ineupgrst	1~3	4-6	7-10	11-16	#II	O SPEED	IN KNOTS 28-33	,		48-55	GE 56	TCTAL %	MEAN WIND
· · · · · · · ·	5.1	2 • 4	.6	.1	• • • • • • •	• • • • • • •	• • • • • • • •	•••••			•••••	8.2	3.3
NNE	3.4	1.1	. 3	. 8								5.6	4.5
14.5	3 . A	1.4	. 8	. 4								6.3	4 • 2
141	2.7	1.5	. 4	.2								4.8	4 - 1
ε	1.6	1.5	. 4									3.5	3.9
FSF	. 4	• 3										. 8	2.9
5"	.6											•6	1.5
550	.5	• 2	• 2	. 4								1.4	6.9
ء ا د	1.3	• 8	• 5	9.	•2	. 1	. 1					3.8	8 • 3
15.	• 9	• 3	• ?	.1	.8	. 4						2.7	11.8
أ بدذ	1.6	1.0	- 1									2.7	3 . 3
#5 ±	• 6	• 3										1.0	2 • 8
-]	1.8	• 2			.1							2.2	3 • 1
-44 j	.6	• 3			• 1							1.1	4 . 2
1	1.6	• 3	. 1	• 1	•2							2.4	4 • 6
154	1.6	• 6	• 5									2.8	3 4 8
	• • • • • • • • • • • • • • • • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••		• • • • • • • •	•••••	• • • • • • • •	• • • • • • •	•••••	• • • • • • • • •	
CALP !	////////	,,,,,,,	1111111	,,,,,,,,	11111111	1111111	(////////	(()()()	///////	,,,,,,,	,,,,,,,,	50.2	,,,,,,
1 1017ES	29.3	12.3	4.3	2.9	1.4	.5	. 1					100.0	2 • 3

THE WINNER OF UNSERVATIONS: 430

USAFETAC AIP MEATHER SERVICE/MAC PLOCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VFRSUS WIND SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): D600-D800

									MONTH:	OCT	HOURS(LS)	1): 0600-	0800
DIPECTION CUEGREES)	1-3	4-6	7-10	11-16	hIN 17-21		TN KNUTS 28-33		41-47	48-55	GE 56	TCTAL 18	MÉAN WIND
и [1.7	1.7	.5	•2		•••••	• • • • • • • •	• • • • • • •		• • • • • • •		4.2	4.6
TINE	1 • 1	• 8	. 4	• 6	• 1							3.0	6.8
NE .	1 • 3	1.4	. 6	.4								3.8	5.1
FNF !	1.9	1.8	1.4	•1								5.3	5.0
٤	1.4	1.3	• 2									2 • 9	3.6
FSE !	• 3	. 4										.8	3 • 3
ا إ ۶٠	1.0		• 1									1.1	2 • 8
- 5 5	1 • 3	. 4	• 1	. 3	•1							2 . 3	5 . 3
s !	1 • 8	• 2	1.0	1.7	• 2	• 2						5 • 2	8.9
. K 2 2	2.4	• A		• 6	• 1							3.9	4.9
S =	1.5	. 4										1.9	2 • 3
wsw	1.1	.6										1.7	3.0
- !	. 0	. 5	• 1									1.4	3 • 6
#V#	1.7	. ?				. 1						1.8	4.8
iew j	1.1	.6		• 1								1.8	3.5
5.44	1 • 2	. 3	- 1	• 1								1.7	3.6
VARIAFEE		• • • • • • •	••••••		•••••	•••••	••••••	•••••	•••••	•••••	••••••	••••••	•••••
CAL"	////////	,,,,,,,	///////	////////	////////	///////	11111111	//////	///////	,,,,,,,	,,,,,,,,	57.3	111111
TOTALS	20.0	12.2	4.6	4.3	• 5	• 3						100.0	2 • 1

TOTAL WORLD OF OBSERVATIONS: 330

GLOCAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WING SFEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFE NV

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 0900-1100

• • • • • • • • • • • • • • • • • • • •	i	• • • • • • • •		• • • • • • • •		ND SPEED			• • • • • • • •	• • • • • • •		• • • • • • • • •	•••••
DIRECTION (DEGREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TCTAL	MEAN WINU
N	1.4	- 8	1.3	. 9	.2	. 1	******	• • • • • • •	• • • • • • • •	••••••		4.6	7.9
NNE .	.5	1.1	2.4	2 • 3	•5							6.8	9.8
N E	1.0	1.4	3.2	3.2	• 5							9.4	9 • 6
ENF	1.2	1.5	3.3	1.2								7.2	7.7
٤	2 • 2	2.4	1.3									5.8	4.4
£2£	! .8	. A	• 3									1.8	4 - 1
5 F	1-2	. 4	. 4	. 3								2.4	4.5
SSF	2 • 2	• 2	• 2		- 1							2.7	3.4
5	3.2	1.4	• ?	1 • 7	• 9	. 2						7.6	7 • 8
55 h	3.5	1.1	. +	. 9	• 5	. 1						6.9	6.0
5 4	2.7	• 8	. 1		• 2							4.0	3.5
WSW	1+3	. 4	• 1	- 1								1.9	3 • 2
w	1.1	.2										1.3	2 • 1
سيداد	.6	• 1		• 1	. 4	• .?						1.5	11.1
No lie	•€	. 1		- 1	-1		. 1					1.1	8 • 2
446	.4	. 1		• 2								.8	5.7
VARIAFLE 1			• • • • • • • •			• • • • • • • •							
1													
i	<i> </i>		,,,,,,,	,,,,,,,,	,,,,,,,	11111111	////////	///////	////////	(///////	///////	34.3	111111
10 LVF c	24 • 1	12.7	12.7	11.0	3.5	. 5	. 1					100.0	4.5
			• • • • • • •										

TOTAL NUMBER OF ORSERVATIONS: 450

SEASON CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED USAFETAC FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85 MONTH: OCT HOURS(LST): 1200-1406 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

		• • • • • • • •	• • • • • • •	• • • • • • • •	IN	D SPEED	IN KNOTS	· · · · · · · · · · · · · · · · · · ·	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	•••••
DIRECTION ((BEUREES)		4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL 2	MEAN Wind
N	1.9	۹٠	1.6	.6	•••••	••••••		• • • • • • • •	•••••			4.9	6.2
NNE	1 • 2	• 8	3.0	2.9	1.0							8.8	10.1
NE	1.7	2.7	2 • 3	2.6	•5							9.2	8.5
ENE	1.8	3.₽	2.9	1 - 1								9.6	6.4
E	3.3	3 • 8	1.9	. 4								9.5	5.0
FSF	1.6	2 • C	. 8	• 2								4.6	4.6
ง รี	5.0	1.8	• 5	. 3								4.7	4.7
555	2 • 3	1.7	• ?	• 2		• 1						4.5	4 • 3
٠	3.7	1 . 8	1.6	1 . E	. 8	- 1						8.5	7.5
₹S₩ .	1.6	1.2	. ¢	1.4	1.0	• ?	. 1					6.3	10.1
s ii	1.0	. 9	• 3	. 3	. 4	. 4						3 • 2	9.1
usi	1.7	. 3	• 1	. 3	. 1							2.6	4.5
	1.6	٠,٠	• 1	• 1	•2							2.4	4.7
WN W	.4	. 3	• 2	. 4	.5	• ~						2 • 2	11.7
46	. 4	. *		. 1	• 2							1.1	7.5
N/4 m	. ?		- 1									. 3	5.0
v#HIAELE		• • • • • • •			• • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • • •	
CALM	111111111	///////	////////	///////	///////	///////	///////	//////	,,,,,,,	,,,,,,,,	,,,,,,,,	17.5	111111
10176	25.4		15.0	12.9	4.7	1.1	• 1					100.0	5 • 8

TOTAL NUMBER OF DRSERVATIONS: 930

GLOWAL CLIMATOLOGY BRANCH PROCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED GRAPHETAC FROM MOUNLY OBSERVATIONS
ALM WEATHER SERVICE/MAC

ATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1500-1700

WIND SPEED IN KNOTS STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

•	1				WIN	ID SPEED	IN KNOT	s					
DIRECTION (UFURESS)		4-6	7-1C	11-16	17-21	22-27	28-33	34-46	41-47	48-55	GE 56	TOTAL	MEAN Wind
N	1 .3	.9	.5	.8	-1	•••••	•••••	• • • • • • •	• • • • • • • •	••••••	•••••	2.6	8.4
NNE	1.1	1.5	2.3	2.2	• 2							7 • 2	8.7
N.F	1.6	2.4	3.9	1.3	• 2							9 • 2	7.5
ENF	3.5	4.4	2.7	• 1								10.8	4.8
٤.	1 4.5	3.2	1.5	• 6								9.9	4.5
ESE	2.3	2.3	1.4	.6	• 1							6.7	5.6
s e	1.9	2.?	. 8	• 2								5 • 1	4.6
5.a.F	1.0	1.3	٠,	. 3								3.4	5.8
>	2.5	1.5	1.5	1.4	.9	• ?	. 1					8.1	8 • 3
H د ؟	2.6	1.6	. 6	1.3	1.4	. 3						7.8	8.7
7 *	1.7	1.0	• 3	•6	. 3	• ?						4.2	6.9
KSV	1.5	• 2	. 1	• 3	• 1	. 3						2.6	7 • 3
•	1.0	• 1	• 5	• 2	• 2	• 1						2 • 2	7.7
n _e 21 fer	.2	.2	• 4	• 5	• 5	. 3						2.3	13.7
14.00	2		. 1	• 5								.9	9 . 8
NAM	1 -1	• 1	. 1									. 3	5.0
VARIABLE	, •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •		· · · · · · · ·			
	 <i> </i>	////////	,,,,,,,,	,,,,,,,,	,,,,,,,,	///////	,,,,,,,,		,,,,,,,,			16.9	,,,,,,
TOTALS	i I 26.0	22.4	17.5	11.1	4.1	1.5						100.0	5.7
l												103.0	J.,

TEL NUMBER OF CHSERVATIONS: 950

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY ORSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

STATION NUMBER: 723855 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): 1800-2000

	· · · · · · · · · · · · · · · · · · ·	· · · · · · · ·				O SPELD			• • • • • • • •	•••••	• • • • • • •	• • • • • • • • •	•••••
DIMECTION (DEGREES)		4-6	7-15	11-10	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TETAL	ME AN Winu
14	6.5	3.я	. 4	.2		.1	•••••		• • • • • • • •	• • • • • • •		11.0	3.7
NNE	5.9	3.8	1.1	.5	• 2							11.5	4 . 3
NΕ	6.0	3.1	1.5	. 1								11.2	4.0
FNE	3.0	2.7	. 6									6.3	3.9
L.	1.9	1.7	• 6									4 . 2	3.8
ESF	1.3	•?	• 3	. 1								1.9	4.2
5 F	1.2	. 9	. 4	• 1		• 1						2.7	5.3
SSE	.5	. 4	. 9	.5	• 2							2.7	8.0
5	1.8	1.1	2.0	1.4	. 4							7.6	7.6
SSW	.3	•6	1.0	.9	. 4							3.7	B.7
خ ذ خ	.9	• 6	• 5	• 3								2.4	5.8
พรพ	-6		• 1	. 3		. 1						1.2	7.3
a.	• 3	•5	• 2	• 2	. 1							1.4	7.2
wr. w	•3		۰٥	.6	• ì							1.9	9.9
N =	•6	• 1	• ~									1.0	5.9
MMM	1.7	, 0	• 3									2.9	3.6
VARIABLE !	' • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • •			• • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • • •			
CALM	1//////////////////////////////////////	,,,,,,,	,,,,,,,	,,,,,,,,	,,,,,,,,,		///////	11111111	///////	///////	1111111	26.5	/////
TOTALS	33.4	20.4	12.5	5.4	1.5	• 3						100.0	3.8

TOTAL NUMBER OF GRSERVATIONS: 930

GEODAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

AT A ATOLK SCHOLOSPING

PERIOU OF RECORD: 76-85 Month: OCT Hours(LST): 21J0-2300 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV NIND SPEED IN KNOTS
CIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TCTAL MEAN (DEGREES) 1 1 **EIND** 3 1.1 4.7 5.2 4.5 2.2 1.2 . 9 .5 9.4 5.5 2.7 1.2 . 4 • 1 9.2 4.5 EHF 3.0 • 3 1.6 . 1 ٤ 2.7 1.5 . 3 3.9 3.6 FSF . 7 SF • I • 3 . I • 1 • 6 6.7 . 2 . 9 . 4 55€ .2 • 1 1.2 1.1 1.1 1.8 • 1 5.3 8 . 4 ٠,5 55 W 5.4 6.6 1.9 • 5 3.9 1.8 • 2 • 2 7.1 . 8 . 6 - 1 1.8 3.9 ٠, • 2 4.9 1.5 . 3 1.1 1.4 2.5 . 1 CELM 44.2 ///// 100.0

TOTAL AUMIER OF OMSERVATIONS: 430

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY ORSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PEPIOD OF RECORD: MONTH: OCT HOURS(LST): ALL WIND SPEED IN KNOTS 11-16 17-21 22-27 28-33 34-40 DIRECTION 7-10 GE 56 TETAL 48-55 MEAN (UEGFETS) 1 WIND N, 3.7 1.7 . 4 •0 6.0 2.8 1.5 1.5 1.3 . 3 NNE N f 2.8 2.2 1.9 1.1 • 2 • 3 6.2 ENF 2.5 5 . 2 2 . 3 2.1 4.3 ESF 1.1 • 1 • 0 2.5 4.5 5 F 1.0 . 7 • 3 . 1 • 0 ٠, 2.3 4 . 8 ٠5 ۽ 1.1 . 6 . 1 • 3 2.5 5.9 2.7 S 1.1 1.3 1.5 • 5 . 1 .0 6.4 8.1 1.9 55 # • Р . 7 . 9 .6 . 1 • 0 4.9 8 . C 5 h 1.5 . 7 • 3 . 1 . 2 . 1 ws b 1.0 • 1 •0 • 1 1 - 1 . 4 . 1 . 1 ٦, 1.0 4 . 4 . 6 . 4 • 3 . ? • 1 1.7 8.6 • 1 . 1 ٥٠ 5 • 1 1.5 . 1 4.0 VANIATE ! CALM 36.7 ///// 10.6 . 6 100.0 . 1 3.7

TOTAL NUMBER OF OBSERVATIONS: 7840

SEBRAL CLIPATOLOGY HRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED GRAFFIAC FRUM HOURLY OBSERVATIONS
ATRIBEATHER SERVICE/MAC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 76-85 MONTH: NOV HOURS(LST): 00UN-0200

	• • • • • • • • • • • • • • • • • • •			• • • • • • •			IN ANOT		• • • • • • • •	• • • • • • •		• • • • • • • • •	•••••
DIPECTION (OFGPERS)		4-6	7-1C			22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Winu
14	4.0	1.6	.4		•••••		• • • • • • •	•••••	•••••	• • • • • • • •		6.2	3.6
NNF	3.9	1 . 7	1.2	. 3	• 1							7.2	4.4
t• €	2.9	2.0	1.0	. 9								7.7	5 • D
ENE	2.9	2.6	1.4	. 1								7.0	4.6
E	1.0	1.9	. 9									3.7	4.6
<i>د</i> ز د	. 4	• 2	• 1									.8	3.9
5 E	•2	•2				- 1						.6	7.6
SSF	.5	• 1	. 4	. 3		• 1						1.6	8 • 0
\$	1.8	1.0	1.9	1.4	, 9	• 3						7 • 2	9 . 4
< 5 W	. R	• 6	• 1	.7	. 3							2 • 4	8 + 3
w د	_a	1.0	• 2			- 1						2.1	5.5
454	.7	. 4	• :									1 . 4	4 . 4
-	.9	. 3	• 2	• 3	• 2							2.0	7 • 2
ยพูต	1.3	• 3	• 3	• 2	. 3	. 4						0.5	9 • 3
	.9	. 4	• 3	• 3	. 4	•?						2.7	9.9
MAR	1 • 3	. 4	• 1	• 2								2 • 1	4 • 3
VARIABLE	, , , , , , , , , , , , , , , , , , ,	• • • • • • •	• • • • • • • •	• • • • • • •	•••••	• • • • • • •		• • • • • • • •			• • • • • • •		
j		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,	,,,,,,,,,	1111111	(111111)				,,,,,,,,,	,,,,,,,,	42.3	111111
TOTALS	24.3		9.0	5.1						, , , , ,		100.0	3.5
10,46	24.3	10.6	7.1	7, • 1	2 • 3	1.						100.0	3.5

TOTAL NUMBER OF OUSERVATIONS: PUT

SEPAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM HOURLY OBSERVATIONS

ALK WEATHER SERVICE/MAC

STATION NUMBE	P: 723865	STATION							MONTH:		HOURS (LS	(): U3U0-	
LIRECTION (OF a PESS)		4-6		11-16	₩I	NO SPEED	IN KNOTS		41-47		GE 56	TCTAL	MEAN WINU
\	1 4.7	1.9	. 7	• 1								6.7	3.5
NNE	4-1	1.1	٠ ٤	• 2	• 1							6.3	3.9
٧E	2 • 4	1.6	1.7	.4								6.1	5 • 4
ENE	2.4	1.7	1.2	. 4								5.8	4.8
٤	1.0	1.2	. 4									3.9	4 • 3
ruf	i .a	• 2			• 1							1.1	4.2
SF	.7		• 2	• 1								1.0	4.7
5 S E	.7	•2	• 1	• 3								1.3	6.2
3	.9	٠.6	1 - 3	1 - 1	• 1	• 2						4.2	8.9
55¥	٠, ا	. 7	• t	•6		• 2						2.9	9.0
2 ti	. ·	. ?	. 1	- 1		• 7						1.7	0.0
M S M	!	. 4	. 4	• 1								1 - 4	5 • 3
•	j .a	• 3	• 1	• 1								1.3	4 . 4
WNA	1 1.8	. 7	• 2	• 6	• 2	. 3						3.8	7.7
Fill fee	•5	. 4	• 2	.7	•6		• 1					2.6	11.2
NNW	1.0	. 4	• 2	• 2	•1							2.0	5.6
VARTAFLE	, • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • •		• • • • • • •	••••••	• • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••	•••••	• • • • • • • •	•••••
CALM	111111111	,,,,,,,,	///////	,,,,,,,,	//////	,,,,,,,	,,,,,,,,,	//////	(11111111	,,,,,,,	,,,,,,,	47.9	111111
TOTALS	24.0	11.8	o. h	5+1	1.2	1.1	•1					100.0	3.0

TOTAL JUMPER OF GRSERVATIONS: 945

THE AL CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCUMPENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

PEPIOD OF RECORD:

PATION NUMBER: 723865 STATION NAME: NELLIS AFE NV PEPIOD OF RECORD: 76-85 MONTH: NOV HOURS(LST): C6-0-0600 WIND SPEED IN KNOTS 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 TLTAL MEAN WINU EIRECTION I X. 1.9 3.1 4 . 1 1.0 . 6 4.9 4.6 1254 2 • 7 2.9 6.7 4.7 . 9 2 • 2 • 1 2.4 1.1 • 2 531 3.7 . 4 . 1 . 1 • 6 • 2 1.6 10.8 . 9 6.7 . 8 . 2 . 2 2.4 1.1 • 3 . 7 7.4 5.3 3 • 3 5.8 1 • 3 ٠, , 1 . 3 . 7 . 8 . 1 . 7 *. '. . . 1 . 1 VISTATE 10176 100.0 2.5 4.3 1.6

STAL NUMBER OF UNSERVATIONS:

TO THE TOTAL PRANCH

PERCENTAGE FILEGENCY OF OCCUPRIME OF SURFACE WIND DIRECTION VERSUS WING SFEED FROM HOUNLY OBSERVATIONS

A STATE SERVICEZHAC LINE AFRICATE 773465 STATION NAME: NEELIS AFB NV

A TO ALM S	2: 113465	-							MONTH:	NOV		1): 0930-	
	1 1-3	4-+	7-10	11-16	#IN 17-21	D SPEEP 22-27	1% KNOTS 28+33	34-40	41-47	48-55	GE 56	TUTAL 2	MEAN WINU
	.6	. 3	. 4	1.0	.1	• • • • • • •		• • • • • •	•••••	• • • • • • • •		2.9	9.0
1.45	1.0	۰ ۵	1.1	2.0	.3							5.2	9.6
4.4	1 1.2	1.4	1.0	1.5	• 1							6.0	7.6
1.51	1.3	1.2	2.7	. я	• 1							6.1	7 • 3
1.	1.1	2.1	1.1									4.3	5 • 2
1 3 !	1.1	. 3	• ;									1.7	3 • 6
, 4	1 .6	. 4	. 4	• 3								1 • 9	6.0
4.24	.9	. 3	.1	- 1		• ?						1.6	7 - 1
5	3.0	1.0	. 5	1.1	. 6	. "						7 • 1	A • 5
5.3 ₩	3.0	1.2	. 7	• 6	- 1	• 1						5.7	5 • 4
J.	2.3	. 9	. 3	• ?	• 2		. 4					4.3	7 • 2
` .,∉	٠٩	• 5		• 7	• 2		.1					2.0	7.4
•	1.7	.7	• 5	• 1	. 4	• 1						2.8	6.5
5.34	.9	. 4	• (:	• 2	• 3	• *						2 • 9	9.2
:•	1.0	.6	.1	• 2								1.9	4 • 4
217. w		. 3	• 3	• 1								1 - 1	5 • 6
vakia li	••••••• 1	• • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •					
CALM	 <i> </i>	'///////	,,,,,,,,	11111111	///////	,,,,,,,,	11111111	,,,,,,	,,,,,,,,,	1111111	,,,,,,,,	42.8	111111
ralaça	 23.8 	12.1	11.4	F • 3	2 . 8	1.7	•6					100.0	4.1

AL LIMITED OF GREENWATIONS: 950

AL CEIMATOLOGY BRANCH SEETATHER LERVICEZMAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SEED FROM HOURLY OPSERVATIONS

	• • • • • • • •					• • • • • • •			HONTH:	NOV I		1: 1200-	1400
11	1 - 3	4-6	7-10		WIR	D SPEED	IN KNOTS 28-33			48-55	GE 56	TOTAL R	MEAN W1NU
		•6	. t	9	.1	• • • • • • • •	• • • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	2.9	8.0
- 44	.9	1.2	1.9	2.9	• 2							7 - 1	9.5
Nº I	1.3	3.7	4.2	3.6	. 3	. 1						12.8	8 • 5
141	2.4	3.9	4.1	•6								11.0	6.0
į	3.0	4.3	2.2	. 7								10.2	5.4
: , :	1 - 4	1.7	. 7	• 2								3.6	4.9
-a	1.1	1.1	.7	. 3								3.2	5.6
tot	1.7	. 2	• 2	. 1								2.2	3.5
- !	1 • 9	1.3	. ?	1.9	. P	.6						6.4	10.0
	1.2	.7	. 4	• 9	• 3	• 3						4.3	9.1
	1 • 4	• 5	• 2	. 1	• 2	. 7	• 1					3.3	9.5
#5W	1.7	• 2	• ?	• 1	• 2	.2						2.0	8.1
•	1.6	. ?	. 3	.7	• 3							3.1	7.1
- N - 1	. 4	• 7	. 4	. 8	. 4	. ?						2.7	11.5
·-	. 5	• 3		• 9	• 1	• 7						7.1	9.8
155 T	•5	• 1	• ?									.9	4 . 3
VAL TAPLE	•••••	• • • • • • • • •	• • • • • •		• • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	•••••		
11 /	11111111	,,,,,,,,	111111	,,,,,,,,	////////	////////	11111111	//////	,,,,,,,,	////////	1111111	22.1	/////
TOTAL	21.7	19.7	17.4	14.6	3.1	2.3	• 1					140.0	5.9

TOTAL NUMBER OF OBSERVATIONS: CUO

SUBBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED US SELTAC FROM HOURLY OBSERVATIONS
ATT WEATHER SERVICE/MAC

PIDECTION	1-3	4-6	7-10		#IN	D SPEED	IN KYOTS 28-33				GE 56	TOTAL	MEAN
(DEGPEFS)		-				•						3	WIND
· · · · · · · · · · · · · · · · · · ·	.8	•6	1.1	.3	•••••	•••••	• • • • • • • •	•••••	•••••	••••••	•••••	2.8	6.4
AA1	1.1	2.2	2.4	1.8	.3							7.9	8.0
NE	3.2	4.6	3.7	1.2	. 1							12.8	6 • 2
ENE	4 • 3	4.0	2.8	• 2								11.3	4.8
E !	4.4	2.9	1.2	• 1								8.7	4.0
ESE	1.4	1.6	1 - 1	• 3								4.4	5.4
SF I	1 • 1	1.0	٠.۴	• 3	. 1							3.3	5.9
551	.7	• 9	. 7	. 4	. 3							3.0	7.8
١ ١	1 • 2	• 9	1.4	1.7	.6	. *						6.1	9.5
554	1 • 7	. 9	1.2	1.0	. 4	• 2						5.4	8.4
. พ	1.3	• 6	. 4	.6	. 3	• ?						3.1	8.9
WSW .	. 4			. *	. 1							.9	8.4
•	••	. 4	٠.	• 2								2.1	5 • 6
WWW	1.2	• 2	• 3	. 6	. 4	. 1						3.1	8 . 8
714	• 1	. 4	. (. 3	. 1						2.3	11.6
1974 I	• 1	. 3	• 2									1.2	3.7
VANIACLE	•••••	• • • • • • •		••••••	•••••	• • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • • •	•••••
CILM /	,,,,,,,,	,,,,,,,	///////	,,,,,,,,	,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,,	21.4	//////
TOTAL 1	24.7	21.4	18.6	19.1	3.1	1.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 935

,LUMAL (LIMATGLOGY BRANCH ,AF,TAC Him meather Service/Mac

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

ATTO A NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 76-85
HONTH: NOV HOURS(LST): 1840-2000

	!					D SPEED						• • • • •	
(OF PASES)		4-6	7-16	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Wind
N	6.1	2.6	.6	. 4	******		• • • • • • •	• • • • • • • •	•••••			9.7	3.5
NNE	3.1	5.7	. 4	• 7		.1						15.0	3.8
14 F	6.7	4.6	1.0	• 2	. 1							12.6	4.0
EME	4.2	3.1	1.0									8.3	4.0
٤	2.2	2.2	. 4	• 2								5.1	4 • 1
ESE	.4	.3	• 2									1.0	4 • 6
3 F	.3	.1	• 3	• 1								.9	5 • 9
Saf	.2	.6	• 8	. 4	• 1							2.1	8.2
5	6	1.6	3.4	1.4	.7							7.7	9 • 3
55%	.6	.7	. 3	1.0	. 3							2.9	9.9
اهد	.7		• 2	• 2	. 4							1.6	9.9
a' 5 #r	-1	. 4	. 3	• 1								1.0	6 • 4
•	•6	. 5		• 1	. 1							1.3	5.9
المراجعة	•1	• 2	• 3	. 7	- 1							1.4	10.2
V W	. 4	• 9	• ?	. 1								1.7	5 • D
NNW	1 • 3	. 4	• 7	• 2								2.2	4 • 2
VARTAPLE	'	• • • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • •	•••••		• • • • • • • •		••••••		
CALM	1//////////////////////////////////////	,,,,,,,	,,,,,,,	,,,,,,,,	///////	///////	1111111	,,,,,,,,	///////	,,,,,,,,	,,,,,,,,,	25.6	111111
10.1 VF 4	32.7	23 A A	10.6	6•0	1.9	•1						163.0	3.8

TOTAL NUMBER OF ORSERVATIONS: -00 SEDRAL CLIMATOLOGY BRANCH USAFLTAC AIR WEATHER SERVICE/MAC

PLACENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

TTATION NUMBER: 723865 STATION NAME: NEELIS AFB NV

PERIOD OF RECORD: 76-85
MONTH: NOV HOURS(LST): 2130-2300

		• • • • • • •		• • • • • • • •			IN KNOTS	• • • • • • •	••••••	••••••			
DIRECTION (DEUREFS)		4 - E	7-10	11-16	17-21		28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN Wind
N	3.3	1.7	.3	-1	******	• • • • • • •	• • • • • • • • •		• • • • • • • •	••••••		5.4	3,5
) j k _a E	2.7	2 • 8	. 4	.9	•1							6.9	5.3
∀ E	3.9	3.1	2 • 2	. 4								9.7	4.9
FNF	2.7	2.9	1.9	. 4								7.9	5 • 1
Ĺ	2 • 3	1.0	. 4									3 . 8	3.5
FSE	.4	. 4										.9	3.3
5 f) • R	. 6										1.3	2.9
९६६	.3	. 1	• 3	. 4	- 1							1.3	9.6
s	1.3	. 4	2 • 6	3.0	• 9	. 7						8.6	10.7
5.5 m	.9	. 4	. 6	• B	• 3							3.0	8.7
5 >	1 1 • 2	. 4	. 4	. 3	. 1							2.6	6.2
# S W	. 4	. 4	.1	. 2								1.2	5 • 4
•	.6	. 4		• 2	. 1							1 - 3	6 • 6
भगम	.4	. 4		.6	. 1							1.6	7.8
24 ⊔	.7	.6	. 4	. 3	. 4							2.4	8 • 3
Physical Control of the Physic	, } .4	.7	• 4	• 5								1.8	6.1
JAT-TAFLE	, , , , , , , , , , , , , , , , , , , ,	• • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • •	· · · · · · · · · ·			• • • • • • • •	•••••		
	 //////////////////////////////////		1110111					,,,,,,,	,,,,,,,,	,,,,,,,,		un. 3	111111
	Į							.,,,,,,	,,,,,,,	,,,,,,,	,,,,,,,		
TOTAL] 27.4]	16.4	10.2	۶.5	5.2	• *						100.0	3.7
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • •		• • • • • • • • •	• • • • • • •	• • • • • • • •		• • • • • • • • •	• • • • • • • •	

TOTAL NUMBER OF DESERVATIONS: 940

CLUBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUNLY OBSERVATIONS

ATR WEATHER SERVICE/MAC

TATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECOPD: 76-85

MONTH: NOV HOURS(LST): ALL

I WIND SPEED IN KNOTS

EIPECTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34 40 11

(OFURE(S)) DIPLOTION I MEAN (DEGRETS) 1 WIND • 0 i. . 4 5.0 4.5 3.1 2.1 1.1 • 1 5.8 7.6 • " ÷€. ... 2.2 1.1 . 1 3.1 9.3 5.9 FNF 2.5 2.8 2.0 • 3 . 3 7.7 5.1 E 2.3 2.1 1.0 . 1 5.5 4.5 ESE ٠, . 3 . 6 • 3 . 1 4.6 1.8 5 F . 7 . 4 • 3 . 2 .0 1.6 5.4 . 3 SSF . 7 . 4 . 1 . ì 1.8 7.5 S 1.6 . . 1.6 1.6 . 6 9.2 SSW 1 - 3 - 7 . 2 . 3 • 1 3.9 7.9 • 2 .2 SW 1.2 . 5 . 2 KSW • 6 - 1 1.0 • 2 2.0 W N W . 9 . 3 . 5 . 3 2.3 PH W 1.6 WAR TALLE ! CALW 36.9 ////// 2. 1 11. 7.7 1.0 190.0

TOTAL SUMPLY OF UNSERVATIONS: 2700

AIR WEATHER SERVICE/MAC

ULOGAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED USAFETAC FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION MAME: NELLIS AFE NV

PERIOD OF RECORD: 76-85 MONTH: DEC HOURS(LST): DOJC+0200

1					• I A	D SPEED	IN ANOTS						
OIPECTION (DEGPEFS)	1-3	4-t	7-10	11-16	17-21	22-27	28-33	34-40	41-47	49-55	GE 56	TUTAL	MEAN Wind
N	3.8	1.5	.6	. 3	• • • • • • •			• • • • • • • •		••••••		6.2	3.9
HNE.	3 • 4	1 • 6	. 5	. 4	• 2							6.2	4.5
NΕ	2 • 9	2.4	2 • €	• 5	.1	•						7.8	5 • 3
FNF	2.6	1 • R	1.6	• 1								6.1	4.6
ا ا	1 - 3	• 6	• r.	. 1								2.6	4 • 3
E>F	• 9	. 1		- 1								1.1	3 • 3
5.5	•6	.1	• 1	• 1								1.0	4 . 3
55F [• 3	.1	• 3	. 3	- 1							1.2	9.0
s į	• 9	• 3	.5	1.1	• 2	• I						3.0	10.0
ا هد؟	. e		. 1	• 1	- 1							1 - 1	5 • 5
a is	• K	. ?			•1							. 9	4.8
Not 1	• 6	• 2	. 1									1.0	2 + 9
- [1.1	.,	• 2		. 1	• 1						1.7	5 • 3
848	• 4	. 1	. 3	. 3								1.2	7.7
46	1 • 4	. 3	• 2	• ¤								2.7	6 • 1
NNW	1.6	• 6	• 1	. 3								2.7	4 . 2
VARTAPLE I		•••••	• • • • • • •	• • • • • • •	• • • • • • •			•••••	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	
CAL~	,,,,,,,,	1111111	,,,,,,,	,,,,,,,,	,,,,,,,	///////	,,,,,,,,	1111111	///////	///////	,,,,,,,	53.5	/////
\$CIVE.	22.9	13.7	7.4	4.6	1.0	• ?						100.0	2 • 4

TOTAL NUMBER OF ORSERVATIONS:

DISBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FALQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

TION NUMBER				-					MONTH:		HOURSELS	-85 1): 0300-	
I CEBECTION	1-3	4-6			WIN	D SPEEN	IN KNOTS	Ś	41-47			TUTAL	MEAN WIND
۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰	5.3	2.0	٠٠٠٠٠٠		• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • •	••••••	••••••	• • • • • • • •	8.5	4.0
NVE I	4.0	. 5	. 5	. 3	-1	.1						5 • 6	4 • 2
I NE I	2.3	2.9	• 4	. 4								5.9	4 • 7
ENF 1	1.6	1.6	1.2	. 2								4.6	5.4
į į	1.4	1.1	• 6	. 3								3.4	4.8
F 5 F 1	.5	• 2										٩.	2 • 4
ا ا	.4	• 2	. 1									• B	3.7
S5F 1	. 9				• 2							1.0	5 • 6
, 1	1.8		. 6	.5	. 3							3.7	6.9
55 F	. 4	• 1	. 4	• 2								1 • 2	6.5
5 h 1	.9	• 3	• 1	. 1								1.4	4.4
454 I												•8	2 • 3
- 1	. 9	• 3	. 1	. 3								1.6	5.3
#4# 1	1.1	٠,		. 5								2.5	5.5
1	1.5	٠ ٣	. 3	.1	• 1							2 • 6	4.7
1199 1	1.7	• 6	• ?									2 • 6	3.3
						• • • • • •				• • • • • • •			
VARIABLE †													
CAL " I	(////////	////////	,,,,,,,	///////	///////	,,,,,,,	'''''	1111111	///////	///////	,,,,,,,	53.2	111111
TOTAL!	25.7	11.6	5.5	5 . 2	1.0	. 2						100.0	2 • 2

TOTAL NUMBER OF OBSERVATIONS:

SECRETAR CLIMATOLOGY BRANCH USAFETAR CLIMATOLOGY BRANCH AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM MOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85
MONTH: DEC HOURS(LST): 0600-0800 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV WIND SPELD IN MNOTS
1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 DIPLOTION ! 48-55 GE 56 TOTAL MEAN WIND (DEGPEES) | * 3.1 N I 3.4 . 4 • 1 4.8 . 9 • 3 • 2 MNE 1.7 . 1 2.7 5.0 1.3 . 2 NE 2.0 1.3 4.8 4.7 1.0 . 9 2.5 SE - 1 .8 2.0 .6 • 1 • 1 • 1 . 8 4 . 4 ٠,٥ 3.0 ڌ 1.0 • 5 • 6 7 . 3 < 5 W ٠, • 1 • 1 . 1 1.2 5.1 1.3 SW 1.0 . 3 3.5 #SW • 2 •6 3 . 3 • 3 • 1 1.7 884 1 - 3 . 1 • 1 . 1 • 2 1.8 . 3 63.5 ////// CALM 100.0

TOTAL NUMBER OF GRSERVATIONS: 936

SECURAL CLIMATOLOGY BRANCH USAFETAT AIR #FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOUNLY OBSERVATIONS

STATION NUMBE									MONTH:		HOURS (LS	-85 T): J9UO-	1100
SIRECTION (DEURECS)	 1-3 	4-6	7-10		#I 17-21	ND SFEED 22-27	TN MNOTS 20-33	34-40	41-47	48-55	GE 56	TC TAL	MEAN Winu
4	1 • 3	• R	.5	•5	.4				•••••	••••••		3.5	7.3
NNE		. 5	• â	.9	. 1							3.0	8 • 3
N F	1.6	• 9	1.6	• B	. 1							4.8	6.9
ENF	1 1.2	1.1	1.6	. 4								4.3	6.0
٤	1 1 4	1.0	1.5									3.9	5.4
E.a.E.	! ! •8	• 3	• 1									1.2	3 • 3
5 F	.1	. 1		•2								.4	7.0
Sof	. A	• 2		-1								1.1	3.4
s	2.7	.6	• ?	• 9								4.3	4 • 6
S 5 w	1 3.4	• 8	. 2									4.4	2.5
5 %	2.9	• 2		. 1								3.1	2 • 3
h > W	1 1-4	• 5	• 2	•1								2.3	3 • 6
•	1.2	. 4	• 2	• 2	• 2							2.3	6.1
W '4 #	.6	. 4		. 4	. 4	• 2						2 • 2	10.5
44	1 .5	• 2		•5								1.3	7 • 3
52% K	.5	٠,	• 2	. 4								1.5	7 • 3
VARTALLE	! !		• • • • • • •				• • • • • • • •	• • • • • •		••••••	••••••	• • • • • • •	
CALM	111111111	///////	1111111	1111111	1111111	11111111	,,,,,,,,,	//////	,,,,,,,,	,,,,,,,	,,,,,,,,	56.5	/////
101465	21.1	ε.3	7.2	5.5	1.3	• 2						100.0	2 • 4

TOTAL NUMBER OF OPSERVATIONS:

AL CLIMATOLOGY BRANCH PLACESTAGE FREQUENCY OF OLCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

ACN NUMBER: 723865 STATION NAME: NELLIS AFB NV

ACV NUMBER	R: 723865								MONTH:	DEC		ST): 1200-	1400
		4 - E		11-10	wIN 17-21	D SPEEN 22-27	IN KNOTS 28-33	34-40					MEAN WIND
``	-2			1.1	.4	.1		• • • • • • •	••••••	•••••		3.2	10.8
*194.4		1.3	1.7	2.0	• 2							5.9	9 • 3
's f	1 1 - 7	2.0	3.3	1.7	• 2							9.9	7 • 3
î Wr	1 1 - 7	3 • 1	2.6	. 4								7.8	5 • 8
t. I	1.7	3.7	1.0									5.7	4 • 3
Lat	1.2	. 4	• 2									1.9	3 • 9
- <u>}</u> r	 •4	• 3	. 3		. 1	- 1						1.3	8.0
155	1.0			•2		•1						1.3	5.7
3	l 2.4	. 5	1.0	٤.								4 . 2	4.7
55 k	1.0	. 4	. 3	. 4								3.1	4.5
5 4	າ 2•ກ	1.0		• 2			. 1					3.3	4.1
.45 h	•	. 7				•?						1.4	6 • 5
	1.5	• 3	• 6	. 3	. 4							3.4	6.7
42.4	.5	- 1		. 3	. 6	. 4	• 1					2 • 2	14.4
V ►	. 9	• 3	• ?	.1	•1							1.6	5 • 3
NNW	 •5	. 1	• 1	. 4								1.4	6.7
	(• • • • • • •							
VA CTA^L?	į											/ 42.3	
· i	}							,,,,,,,	. , , , , , , , , , , , , , , , , , , ,	,,,,,,,	,,,,,,,,		
ICIALS	19,4	15.2	12.3	7.6	2 • ?	1.0	• 2					0.001	3.9

THE NUMBER OF OBSERVATIONS:

STUBAL CLIMATORUGY BRANCH USARFIAC AIR WEATHER DERVICEZMAC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSERVATIONS

PERIOD OF RECORD:

, , , , , , , , , , , , , , , , , , , ,			•		-				MONTH:	DEC	HOURS (LS	T): 1500-	1706
• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • • •	• • • • • • • • • • • • • • • • • • • •	NIW.	D SPEED	IN KNOTS	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	
SIME CTION (DEGREES)	1 - 3	4-6	7-10	11-16	17-21	22-27	29-33	34-40	41-47	48-55	GE 56	TLTAL 3	ME A N W I N U
· · · · · · · · · · · · · · · · · · ·	.6	1.4	.6	.8	• 3		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •		3.8	8.2
धवह	1.9	1.9	2 • 6	1.1								7.5	6.6
NF	3.0	4.6	3.2	• 5								11.4	5 • 4
FNF	3.0	6.3	1.8	. 4								11.6	5.0
Ł	2.9	2.2	• 5									5 • 6	3.6
f S F	1.0	• *	• 1	• 2								1.6	4.3
st	.6	• 2	. 3	. 5								1.7	7.7
531	. R	• 1	• 2	• 1	-1	. 1						1.4	7 - 4
s	. 9	• 6	• 5	. 5								2.7	6 • 7
55 k	5.0	. 9	- 1	• 1	• 1	• 1						3.2	4 . 4
S •	1.3	. 4	- 1	• 2			. 3					2.4	7.5
25 W		• ?		• 1								•6	5.0
•	1.4	٠, ٦		• 3	• 1							2 • 2	5 • 0
W14 F	, R	1.1	. 1	. 9	. 4	. 3						3.5	9.5
Ne ne		• 4	• -	• 1	• 3	• 1						2.0	7.6
* % k	.6	• t	• 2									1.0	3 • 9
VAN TAEL"	· · · · · · · · · · · · · · · · · · ·	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •	
CALM	 <i> </i>	////////	////////	////////	11111111	///////	///////////////////////////////////////	1111111	///////	,,,,,,,,	,,,,,,,,	37.7	/////
TOTALS	! 21.8 	21.0	11.7	5.9	1.4	• 6	. 3					100.0	3.7
							. 						

TOTAL NUMPER OF OBSERVATIONS:

GLOMAL CLIMATOLOGY PRANCH USAFETAC ATP HEATHER SERVICE/MAC

PETCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS ARB NV

PERIOD OF RECOPD: MONTH: DEC HOURS(LST): 1800-2000 VIND SPEED IN WHOTS

OLFECTION | 1-3 4-6 7-15 11-16 17-21 22-27 28-33 34-40 41-47 48-55 GE 56 CUESPEES) 1 WIND 10.5 3.1 . 3 Ŋ 15.1 7.7 7.9 . . . i 12.9 3.7 • (4.0 44 6.5 4.9 1.4 • 3 13.1 2.0 4.0 3 . 8 t FSF . 5 2 • 2 . l . 3 6.0 . 4 . 3 558 . 2 . 1 1.4 12.8 • ? 1.0 1.0 . 4 3.1 9.9 55# . 6 . 1 . 1 . 9 4 • D . 6 . 1 1.2 5.7 SW • 1 . 1 W . W . 3 . 3 2.0 . 9 . 1 • 1 1.2 4.0 W 14 14 . 1 . 3 . 2 • 5 . 4 . 1 1.7 12.5 . 4 . 5 • 3 11.5 2.5 8 . 3 1.2 . 1 VAR TABLE CAL 32.4 ////// • ? TOTAL 1.7 130.0 3 - 1

TOTAL JUMPED OF UBSERVATIONS:

GE HAL CLIMATOLOGY RRANCH USAFLIAC AIR WEATHER SERVICE/MAC

PERCENTAGE EMECUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY DESERVATIONS

STATION NORTH	723865	STATION	NAME:	NELLIS A	FB NV				PERIOD MONTH:		D: 76-	-85 []: 2130-	2300
SIDECTION (DESCEES)	1 1 - 3				wI!	ND SPELD	IN MNOTS 28-33					TETAL	MEAN WING
Ν	5.5	1.9	1.1	• 3	-1	• • • • • • • •	· · · · · · · · · · · · · · · · · · ·			• • • • • • • •		8.9	3.9
NNE	5.4	1.9		• 5		• 1						8.6	4.2
N E	3.7	<u>.</u>	2.3	. 3								9.0	4.9
ENF	1 1.5	3.7	1.5									5.8	4.5
٤	1 1 • 2	1.4	.5									3.1	4 + 1
FSF	.1	.2	• 1									. 4	5 • 5
2 r	.1	.?	• 1	• 2								.6	8 • C
:s:	. 3	.4	- 1	. ?								1.2	7.1
' 3	1 ! •6	. 3	. 4	1.3	. 4							3 • 1	10.3
538	1 1 - 1		• ?		• 1	• 1						1.5	5.8
£ .	. 4	• .2	• 1									. q	3.7
No. of No.	.3											. 3	2.0
•	.6	. 1	• 1	. 4								1 + 3	6.3
#NP	1 1 - 1	. 4	. 7	. 3	• 3							2.5	7.1
4.4	1.0	• 3	. 4	. 4	• 2							2.4	7.5
P114 W	2.0		.:									2 • 3	2.4
VANTAFLE	! !	• • • • • • • •		•••••	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •		• • • • • • •	• • • • • • • •	
CALM	111111111	,,,,,,,	///////	,,,,,,,,	,,,,,,,	1111111	,,,,,,,,	,,,,,,	11111111	///////	,,,,,,,	48.2	111111
TOTALS	l 25•1 	17.4	7.7	4.2	1 • 2	•5						163.0	2.6
		• • • • • • •		• • • • • • • •		• • • • • • •		• • • • • • •	• • • • • • • •				

TOTAL NUMBER OF GISERVATIONS: 750

GLUHAL CETMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUPRENCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY DBSFRVATIONS

#IND SPEED IN KNOTS

(IPCTION: 1-3 4-6 7-10 11-16 17-21 22-27 26-33 34-40 41-47 48-55 GE 56 TOTAL 4-10 17-21 22-27 26-33 34-40 41-47 48-55 GE 56 TOTAL 4-10 17-21 22-27 26-33 34-40 41-47 48-55 GE 56 TOTAL 4-10 17-21 22-27 26-33 34-40 41-47 48-55 GE 56 TOTAL 4-10 48-55 GE 56 T 4.6 6.8 $\nabla \nabla v$ 3.1 ٠, 6.6 5 . 3 2.9 . 1 8.4 5 . 3 e int 1.5 2 - 1 2.7 . . 5.0 6.5 1 • " . 7 . ì 4.4 3.8 1.5 F . 7 .4 . 1 1.0 3.6 5.8 . 4 .. - 1 • 1 • C 6.1 251 . 6 . 1 • . • 1 . 1 1.2 7.2 1.1 . 4 . 2 اد ر ۲ 1.4 . . • 1 . 1 . , . ; 1 • 2 • 1 . 1 . 1 • (* 1.9 5 . 6 • 4 . 1 2.2 ٥.1 Se K 1.0 . 3 • 1 6.2 . 1 2.2 . 3 4.4 CALM 48.4 ///// . , 35. g × 13.4 1 . 3 . 1 140.0 2.8

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THIAL NUMBER OF OFSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PEPCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOUGHLY ORSERVATIONS

PEPIOU OF RECORD:

AIR WEATHIR SERVICEZMAC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

MONTH: ALL HOURS(LST): ALL | WIND SPEED TN KNOTS DIPFCTION | 1-3 4-6 7-10 11-16 17-21 22-27 28-33 TETAL 34-40 48-55 GE 56 MEAN COEGREES) 1 WIND . 0 4.8 . 1 5.1 • 6 NNF 2.5 1.5 1.1 . 9 • 2 . 1 • 0 ٠0 6.2 6.2 ΝE . 7 2.5 . 1 7.5 5 • 8 2.3 ENF 2.1 1.5 . 3 ۰٥ .0 6.2 5 • 1 £ 2.1 2.1 1.1 . 2 . 0 ٠, 5.5 4.7 1.0 1.0 ۰, ESE . 7 • 2 • 0 .0 .0 3.0 5.5 ۰, 3 F • 9 . 7 . 3 • 0 . 0 2 . 8 1.0 SSE . 9 . 7 • 2 .0 • 8 . 0 3.5 7.4 \$ 2.3 2.1 2.6 2.5 . 8 .2 .0 ٥. 10.3 8 . 8 55 W 1.7 1.5 1.4 1.5 . 7 . 2 . 0 ٠0 SW 1 • 4 1.2 . 8 1.0 .4 . 2 • 0 ٠. • C 5.7 8.3 WSW . 3 . 5 . 4 . 3 . 1 ٠, • 0 .0 .0 2.3 6.5 1.7 . 5 • 3 . 3 - 1 . C •0 6.C 2.3 W11 W . 7 . 4 • 3 • 3 • 2 . 1 .0 8.5 2.1 • 2 . 3 . 1 ٠0 .0 1.8 6.8 . 2 . 1 • 0 • 0 4.4 VARTALLE CALP 27.8 ///// 3.1 . 1 • C .0 100.0

TOTAL NUMBER OF ORSERVATIONS: A7640

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SFRVICE/MAC

PEPCENTAGE FREQUENCY OF OCCURRINCE OF SURFACE WIND DIRECTION VERSUS WIND SFEED FROM HOURLY OBSTRUATIONS

I ION NUMBER									PERIOU MONTH:	ALL	HOURS (LS	-86 T): AL	_
• • • • • • • • • • •		• • • • • • •					VISIBILT		MILE OR				
						RE WITH V	ISIBILTI		10 2-1/2				
DIRECTION (DEGREES)	1 1 1-3	4-6	7-1C	11-16	#I 17-21	ND SPELD 22-21	TN KNOTS 28-33	34-46	41-47	48-55	GE 56	TCTAL	MEAN Wind
N	1.2	• • • • • • •	.6	• • • • • • • •	******	•••••	• • • • • • • •	• • • • • •	•••••		• • • • • • • •	1.8	3.7
RNF	! !	2.4				.6	. 6					3.6	12.5
41	1.2	3.0	• 6	1.2		.6						6.5	8.1
ENE	} 1•9	7 • 1	6.5	1 • 2								16.6	6.5
£	1.2	4.1	3.€									8.9	5.9
FSF			• 6	• 6								1.8	8.3
SF	1.9	• 6				.6						3.0	7.2
SSE	!	.6				. 6						1.2	15.5
s i) !	. 6		1.2		• 6						2.4	15.5
\$5 W	2 • 4	1.8	. 6			1.9	. 6					7.1	10.8
SW	•6		. 6	• 5	• 6	• 6	2.4		• 6			5.9	23.4
WSW	•6					2.4						3.0	19.4
•	} [.6		•6		• 6	.6					2.4	18.8
พาพ						1.7	•6					1 • 8	26.3
N.D	2.4	• 5			• 6			1.9	1			5.1	15.6
NNW	1.2											1.2	2.0
VARIARLE		• • • • • • •		•••••	•••••	• • • • • • • •	•••••	• • • • • • •		• • • • • • •		••••••	••••••
	1111111111	///////	,,,,,,,,,,	11111111	11/1/1/	/////////	11111111	//////	,,,,,,,,,,,	,,,,,,,,	11111111	27.8	/////
TOTZES	 14.º	21.3	13.6	5.3	1.2	9,5	4.7	1.9				100.0	8.0

TOTAL NUM! LP OF ORSERVATIONS:

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 5-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

COUNC							VI	ABILITY (SI	AIUIL MI	(ES)						
CEILING (FEET)	≥ 10	•≥ 6	≥ 5	≥ 4	≥ 3	= 2 y₁	≥ 2	≈ 1 %	≥ 1%	۱ ≥	≥ %	≥ %	≥ y,	= 5/16	≥ 1/4	≥ 0
NO CEILING	· · · · · ·															
1										\sim	\sim					\sim
≥ 1800 ≥ 1500			···		. 21.0											92,6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600	-														<u>.</u>	
≥ 500 ≥ 400						}	<u> </u> 			97.4						98.1
≥ 300 ≥ 200		i														
≥ 100 ≥ 0					95.4		26.9			98,3					1	100,0

- EXAMPLE #1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

 Ceiling ≥ 500 feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table: Visibility ≥ 3 miles = 95.4%. Visibility ≥ 2 miles = 96.9%. Visibility ≥ 1 mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLORAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

S T A	TION N	UM7LR:	723865	STATIO	ON NAME:	NELL	IS AFB	Ny				PERIOD MONTH	OF REC	ORD: 77 HOURS	-86 (LST):	0060-02	00
	LING	• • • • • •	• • • • • • •		• • • • • • • •		• • • • • •	V151	PILITY				• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •
1	h }	56	GE	GΕ	ü€		GE.	GE	GF	GE	GE	GE		SE	GE	GE	GE
-	[]		b	۴.			2 1/2		1 1/2		1	3/4		1/2	5/16	1/4	0
• • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • • • •	• • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •				••••••
t ₄ O	CEIL	75.3	.2.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
G.E.	1000 nl	51.8	81.8	82.2	82.2	02.7	92.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
6 E	100001	02.2	82.2	82.5	A 2.5	02.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
	reunat		92.4	8?•7	82.7	82.7	82.7	82.7	82.7	52.7	82 • 7	82.7	82.7	82.7	82.7	62.7	82.7
	Tabaul		86.2	86.6	86.6	86.6	06.6	86.6	86.6	06.6	86.6	86.6	86.6	86.6	86.6	86.6	86 • 6
G.F.	150761	37.7	89.7	90.6	90.0	90.0	90.0	90.0	90.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90 • U
5 E	100501	91.3	91.5	91.€	91.6	91.6	91.6	91.6	91.6	¥1.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	10006		91.5	91.8	91.0	91.8	91.8	91.8	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	30301		93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
	7060		93.4	93.8	93.8	93.8	93.6	93.8	93.6	93.8	93.8	93.8	93.6	93.8	93.8	93.8	93.8
ut.	6000	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
6 E	57301	96.2	96.2	96.€	96.6	96.6	90.6	96.6	96.6	46.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
65	45701		३6.3	96.7	90.7	96.7	96.7	96 • 7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
ù ₹	40301		26.0	97.1	97.1	97.1	97.1	97.1	97.1	y7.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
(=	3500		97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4 98.8	97.4
6.5	კოციქ	97.4	98.4	99.7	90.7	98.7	98.8	98.8	96.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	96.8
L.F	25501		96.7	99.6	99.4	99.0	99.1	99.1	94.1	79.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
6 F	27001		99.0	99.4	09.4	99.4	34.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
6	100(1		99.6	99.4	94.4	99.4	79.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
ŭŧ GF	15 (0)		99.4	97.7	99.7	99.7	99.8	99.8	99.0	99.8	99.8	99.8	99.8 100.0	99.8	99.8	99.8	99.8
•	15041		99.6	97.9	99.9	99.9	100.5	100.0	190.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G.E	inani		79.6	99.9	97.9	99.5	190.0	160.0		100.0	100.0		100.0	100.0	100.3	100.0	100.0
61		# 9 . 5	79.6	99.9	95.9	99.4	100.0	100.0	100.0		100.6		100.0	100.0	100.3	100.0	100.0
غرة -		98.5	33.6	99.9	94.9	99.9	100.0	100.7	100.0		1º0.L		100.0	100.0	100.0	100.0	186.0
uF UF		98.5	99.6 99.6	99.4	94.9	99.9	100.6 100.0	100.0				107.0	100.0	100.0	100.0	140.0	106.0
-	·		44.6			97.9	1.00.0	103.0		•					100.0	100.0	
ÇF		98.5	39.6	99.9	99.9	99.9	100.C	100.0					100.0		100.0	100.0	100.0
6:		93.°	99.6	99.9	94.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٦. ۲.		° d • *	99.6	99.5	99.7	59.9	100.0	100.0			100.0		100.0	103.0	100.0	100.0	105.0
([R . 5	99.6 99.6	49.9	97.9	99.9	176.6	160.6		1-7-0			100.0	100.0	100.0	100.0	100.0
GF	•	, e. 5	44.6	99.5	99.9	40.6	170.6	160.7	100.0	140+0	100.0	100.0	100.0	100.0	100.0	1 00 • D	100.0
ن د		y = 5	79.6	99.9					150.0								
• • •	• • • • • •						• • • • • •	• • • • • •	• • • • • •			• • • • • •	• • • • • •	• • • • • •	• • • • • •		

FOTAL SUMPLE OF OBSERVATIONS: "30

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHFR SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	TION N	HUMBER:	723865	STATIO	IN NAME:	NELL	IS AFB N	٧				PERIOD	OF REC	ORD: 77	-86		
												HONTH	: JAN	HOURS	(LST):	U3J0-05	00
	LING				• • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	visi	BILLIA	IN STAT	UTE MIL	 ES	•••••	• • • • • • •	•••••	•••••	•••••
I		GÉ	6E	GE	G.F.	GΕ	GE	GE	GE	GE	GE	GŁ	GE	GE	GE	GΕ	GE
FE	E7 1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	G
													• • • • • •				
NO	CEIL 1	12.7	72.7	72.7	72.7	12.8	72.8	12.8	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0
, ,	200001	70.6	79.5	79.8	74.8	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	86.1
	160001		80.5	80.5	81.5	60.6	80.6	80.6	80.6	60.6	80.6	80.9	80.9	80.9	80.9	80.9	86.9
	16030		30.5	80.5	8 Ú • 5	80.6	80.6	80.6	80.6	60.6	80.6	87.9	80.9	80.9	80.9	80.9	80.9
	140301		84.2	84.2	84.2	84.3	94.3	84.3	84.3	04.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5
	12000		88.6	88.8	88.6	68.9	88.9	88.9	88.9	68.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
O.	12.01	0 3 6 4		00.	., 0 • 0	00.7	00.7	000	00.,	00.	00.	0,		• • • •	٠,٠٠	• • • •	
G.F	100001	611.4	90.4	90.4	Q L . 4	90.5	90.5	90.5	94.5	90.5	90.5	97.8	90.8	90.8	90.8	90.6	90.8
	97371		91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5
	₆ กปกไ		92.5	92.5	92.5	92.6	92.6	92.6	92.6	42.6	92.6	92.8	92.8	92.8	92.8	92.8	92.0
GE		92.4	92.5	92.5	94.5	92.6	92.6	92.6	94.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
g F	60001		94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7
6 =	segal	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
SΕ	4500	96.1	96.5	3.60	96.8	97.3	97.6	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2
SE	480P	96.5	96.9	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
úΕ	35001	96.6	97.1	97.4	97.4	47.6	97.6	97.6	97.6	47.6	97.6	97.8	97.8	97.B	97.8	97.8	97.8
G.E.	30001	96.9	98.1	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
33		96.9	98.2	98.5	94.6	98.4	95.6	98.8	98.8	98.8	96.8	99.0	99.0	99.0	99.0	99.0	99.0
úΕ	∠0001		58.4	99.7	90.0	99.0	03.0	99.0	99.0	99.D	99.0	99.2	99.2	99.2	99.2	99.2	99.2
CΕ		57.0	98.4	98.7	96.3	99.	34.0	99.0	99.0	44.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2
G.		97.3	98.8	99.1	99.2	43°E	99.5	99.5	99.5	, 9 . 5	93.5	97.7	99.7	99.7	99.7	99.7	99.7
UΕ	12001	97.3	78.6	99.1	99. 2	99.5	36.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
6 E	10001	97.3	94.6	99.1	99.2	99.5	99.5	99.5	39.5	y9.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
G.E.		97.3	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	94.7
6°		97.5	99.1	99.5	97.0	99.5	99.8	99.8	99.8	90.4	3.00	100.0	100.0	130.0	100.0	100.0	100.0
GE	7351	+7.6	74.1	99.5	99.6	39.4	94.8	99.8	99.8	,4,9	39.8	130.0	100.0	100.0	100.0	160.0	106.0
رد	6301	77.6	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
											-						
6F	5001	97.€	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.7	100.0	1.00+0	100.0
t, F	4001	77.6	39.1	99.5	94.0	99.8	99.8	99.B	99.8	79.B	99.8	100.0	100.0	100.0	100.0	100.0	100.0
ijĒ.	31.01	¥7.6	79.1	99.	99.0	97.8	99.€	99.9	97.5	,9.0	99.8	130.0	100.6	100.0	100.0	1 40 • 0	105.0
GF	2371	97.E	79.1	99.5	99.6	99.8	99.8	99.8	99.8	94.A	99.6	107.0	100.0	130.0	100.0	140.0	100.0
OΕ																	
υe		→7.6	79 - 1	99.5	94.6	99.8	99.8	99.8	99.5	×9.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF CHSERVATIONS:

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY DESERVATIONS

		NUH	EER:	723365	STATIO			.IS AFB					MONTH	OF REC			06U9-08	DC	
	LING	• • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •			IN STAT			• • • • • • •		•••••	• • • • • • •		••
	N.	1	GE	GΕ	G£	GF	GE	GE	GŁ	GE	GE	GE	GE	GE	GE	GE	GE	GE	
Ft	ET.	i	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	O	
• • •		• • •	• • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •	• • • • • •	•••••	• • • • • • •					• •
110	CEIL	1 6	6.0	67.5	07.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	
65	annan	1 7	4.3	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
	18000			75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
UE	16000	1 7	۶, ۶	76.5	76.8	76.8	76.F	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76 • 8	76.8	76.8	76.8	
6F	14000	1 7	9.9	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
υE	12030	İε	3.1	83.8	84.1	A4.1	84.1	34.1	84.1	64.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84 • 1	
6.F	10000	1 8	7.4	38.1	88.4	88.4	89.4	96.4	88.4	88.4	48.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
υĒ	9030			36.3	88.6	88.6	69.6	86.6	89.6	68.6	08.6	88.6	89.6	88.6	88.6	88.6	68.6	88.6	
65	8700	1 8	9.7	90.4	90.8	96.8	97.B	90.6	90.8	90.8	90.8	90.0	90.8	90.8	90.8	90.8	90.8	94.8	
ح ت	7000	1 5	9.P	93.6	91.6	91.0	91.0	91.0	91.7	91.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE	6000	4 9	1.7	92.7	93.0	93.0	93.C	93.0	93.0	93.3	93.0	93.C	93.0	93.0	93.0	93.1	93.1	93.1	
ر د	5020	1 9	2.9	94.1	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.0	
ьT.	45.30	1 9	3.5	94.8	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6	
65	4560	1 9	4.6	95.5	95.8	95.5	95.0	95.8	95.9	95.9	y5.9	96.1	96.1	96.1	96.1	96.2	96 • 2	96.2	
ĢΕ	355r	1 9	4.2	95.7	96.€	96.4	96.C	96.0	96.1	96.1	76.1	96.3	96.3	96.3	96.3	96.5	96.5	96.5	
GE	3000	1 4	4.7	96.8	97.2	97.5	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	
65	2560	1 9	5.2	97.2	97.€	97.7	97.7	97.7	97.9	97.8	97.8	98.1	99,1	98.1	98 • 1	98.2	98.2	96.2	
ۍ	2000	1 5	5 . R	78.1	98.5	98.0	98.6	98.6	98.7	98.8	98.8	99.0	97.0	99.0	99.0	99.1	99.1	99.1	
G.E	1830	1 9	5.8	76 - 1	90.5	96.6	98.€	98.6	98.7	98.8	98.8	99.0	90.1	99.1	99.1	99.2	99.2	99.2	
GE	1500	1 9	5.9	78.5	98.9	99.3	3.64	99.6	99.1	99.2	49.Z	99.5	99.6	99.6	99.6	99.7	99.7	99.7	
٥E	12.0	1 9	5 • 1	95.7	99.1	99.2	99.2	99.2	99.4	99.5	49.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	
GE	LCGC	1 9	6.1	98.7	99.1	99.2	99.2	99.2	99.4	99.5	49.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	
ŭ.E	9 3 L	1 3	5 • 2	98.0	99.2	0 7.4	99.4	79.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	106.0	
GΕ	ع ن و	1 9	6.2	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	100.0	1 00.0	100.0	
GE	730	1 9	6.2	78.8	99.2	09.4	99.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	
ĢΕ	600	9	· • 2	98.8	99.2	94.4	99.4	99.4	99.5	99.6	99.6	٤. ډه	99.9	99.9	99.9	100.0	100.0	100.0	
6E	500	(9)	5.2	96.6	99.2	99.4	99.4	09.4	99.5	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	
6 F	450	1 50	5 • 2	98.8	99.2	94.4	49.4	99.4	99.5	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	
ĿΕ	470	1 4	b • 7	98.8	99.2	99.4	99.4	99.4	99.5	99.5	19.6	79.5	99.9	99.9	99.9	100.0	140.0	100.0	
S€		1 9		98.8	99.2	99.4	99.4	99.4	99.5	99.6	47.6	00.8	99.9	99.9	99.9	100.0	100.0	100.0	
GF	136	1 9	• • 2	98.8	99.2	99.4	99.4	99.4	99.5	99.6	19.6	99.8	97.9	99.9	99.9	100.0	100.0	100.0	
GE	٠	1 9	5 • 2	98.8	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.8	49.9	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF ORSERVATIONS:

SECRET CETMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCY OF CEILING VERSUS VISIBILITY
FROM HOUSELY DOSERVATIONS

AIR WEATHER SERVICE/MAC

PEPIOD OF RECOPD: 77-86 STATION NIMBER: 723865 STATION WAME: NELLIS AFB NV MONTH: JAN HOURS (LST): 8908-1100 VISIBILITY IN STATUTE MILES
GE GF GE GE
2 1 1/2 1 1/4 1 CETE THE 5E GE 3 2 1/4 IN () 5F 4 GŁ GE 5/16 . 0 1/2 1/4 10 3/4 5/8 66.2 66.2 66.2 66.2 66.2 66.2 66.2 NO CEIL 1 65.4 65.8 65.9 60.0 66.2 66.2 66.2 66.2 66.2 ut 230301 72.9 ut 180401 74.0 GF 160301 75.3 GE 140001 79.7 73.7 73.9 73.9 73.9 73.9 73.9 73.9 73.5 74.8 73.9 73.9 73.9 73.9 73.9 73.4 75.2 75.2 76.2 75.2 75.2 76.2 75.2 75.2 76.2 75.2 76.2 75.2 76.2 75.2 76.2 74.7 75.2 75.2 75.8 90.2 75.9 80.3 76.J 76.2 76.2 76.2 80.6 80.6 40.6 80.6 80.6 83.6 GE 120001 83.8 94.4 94.7 64.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 G5 100001 86.1 UF 90001 86.8 SE 87001 90.0 GE 70001 90.4 86.9 07.5 90.8 87.0 87.6 87.1 87.7 87.3 87.3 87.3 87.3 d7.3 97.3 87.3 87.3 88.0 87.3 88.0 87.3 88.0 87.3 87.3 88.0 86.4 88.0 88.0 å8.O 66.6 39.[91.2 91.6 90.9 91.0 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.6 91.6 91.6 91.6 91.6 91.6 91.6 91.2 91.3 91.4 91.6 91.6 91.6 71.6 92.8 94.0 94.6 94.0 94.0 93.5 45301 93.7 94.6 94.3 94.8 94.8 94.8 94.8 94.8 55 94.2 94.0 94.9 94.8 94.6 94.8 94.8 95.4 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.7 6 F 95.7 35.701 93.4 95.3 95.3 96.1 97.U 96.1 96.1 96.1 97.1 96.1 96.1 96.1 96.1 97.1 96.1 96.1 96.0 96.7 25601 94.5 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 96.5 97.4 96.8 97.4 97.7 27.7 6E 1800 94.8 97.5 99.5 98.6 98.6 98.6 98.6 96.6 98.6 93.2 98.5 98.6 98.6 93.6 98.6 98.6 97.2 98.0 98.6 98.6 98.6 98.6 98.6 65 90.5 15u01 95.3 98.8 99.2 99.2 99.2 99.2 99.2 GF 12001 95.3 48.1 98.9 94.2 99.4 99.4 99.4 99.4 SF 10001 ys.3 97.6 98.1 98.9 99.4 99.4 99.4 99.5 99.6 99.6 99.7 99.7 99.7 99.7 99.8 99.8 99.8 99.8 700| 95.4 700| 95.4 97.6 97.7 97.7 99.8 28.3 09.4 99.6 99.6 9A.1 υE 94.9 99.1 99.6 99.9 100.0 98.2 99.6 99.7 99.3 99.8 99.9 100.0 100.0 100.0 99.7 100.0 99.6 99.8 99.8 99.9 100.0 99.9 100.0 106.0 6 5 98.2 99.1 97.7 99.7 99.8 99.9 99.9 100.0 100.0 100.0 100.0 FUCT 95.4 4501 95.4 7001 95.4 130.0 130.0 42.5 99.9 99.9 6.5 97.7 98.2 99.1 99.6 99.7 74.8 99.8 99.9 100.0 100.0 100.0 100.3 99.€ 99.9 100.0 99.5 99.7 99.8 99.8 99.9 100.0 100.0 6 F 2301 95.4 97.7 98.2 24.1 99.6 99.6 99.7 99.6 9.8 99.9 99.9 99.9 130.0 100.0 100.0 100.0 97.6 1501 95.4 95.1 99.8 99.9 97.7 99.6 99.9 99.9 99.9 100.0 100.6 6 98.2 100.0 100.0

TOTAL NUMBER OF SASERVATIONS: 532

97.7

98.7

99.1

99.6

99.7

99.6

99.6

99.8

99.9

99.9

99.9 100.0 100.0 100.0 100.0

55

1 40.4

GLOFAL CLINATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

			723865									HONTH	OF REC	HOURS	(LST):	1260-14	00
		• • • • •	• • • • • • •		• • • • • • •	• • • • • •	• • • • • • •						• • • • • • •	• • • • • • •		• • • • • • •	•••••
	(L1MS (N)	JΕ	SE	GE	31	GE	ĿΕ	Q.E.	.81L177 GE	IN STATI	GE GE	.E.S	GE	GE	GE	SE	ĿΕ
	ET		<i>31.</i> 6	5	3 t		2 1/2		1 1/2		i	3/4	5/8	1/2	5/16	1/4	C C
• • •											<i>.</i> .						
NO	CEIL 1	64 . 8	64.9	64.9	54.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
G.F	200001	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
	100001		73.3	79.3	70.3	79.3	76.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	76.3
	16 nur!		79.0	79.8	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.6	79.8	79.8	79.8	79.8
6.5	140001	84.2	34.3	84.3	£4.3	04.3	84.3	84.3	84.3	04.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GΕ	127371	c7.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	٥7.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
c. c	102001	0.5	89.8	89.8	95.0	9.94	89.8	89.8	89.8	69.8	F9.8	89.8	89.8	89.8	89.8	89.8	89.8
65			90.3	90.2	96.3	90.3	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
uF	80401		92.8	92.€	92.8	92.8	92.6	92.8	92.8	9. 8	92.8	92.8	92.8	92.8	92.8	92.8	94.8
υF	70001		92.8	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.6	92.8	92.8	92.8	92.8
υF	- •		93.7	93.7	93.1	93.7	03.7	93.8	93.8	¥3.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE	souci	54 0	95.4	95.4	95.4	95.4	95.4	95.5	95.5	#5.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
G.C.			95.6	95.8	95.8	95.8	95.8	95.9	95.9	y5.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE	4000		96.7	96.9	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	35001	_	90.8	97.0	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
ĿΕ	30001	57.0	97.6	97.5	98.0	98.0	96.0	98.1	96.2	78.2	98.2	98.2	98.2	98 • 2	98.2	98.2	96.2
G.F.	25371	97.2	98.1	99.3	96.4	99.4	93.4	98.5	98.6	48.6	98.6	99.6	98.6	98.6	e 8 . 6	98.6	98.6
UF	20001		20.2	98.4	د و ه	98.5	98.5	98.6	95.7	¥3.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
ĞE	18301		د.89	98.5	98.0	99.6	96.6	98.7	98.8	78.8	98.8	98.8	98.8	98.8	98.8	98.8	90.8
6-	15001	97.6	78.5	98.8	9 9	99.1	99.1	99.4	99.6	79.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
υE	1204	97.6	98.5	98.₺	98.9	99.1	99.1	99.4	99.6	97.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5
ьΕ	10001	97.6	98.6	98.9	99.0	59.2	99.4	99.5	99.7	99.7	39.7	99.8	99.6	99.8	99.8	پ ە. 8	99.8
6F		97.6	98.7	99.0	79.1	49.4	94.4	99.6	99.5	99.B	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE	80.7	47.6	98.7	99.1	99.2	99.5	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	106.0
G.E.	7071	47.6	98.7	99.6	99.2	99.5	99.5	99.7	99.9	34.9	99.5	100.0	100.6	100.0	100.3	100.0	106.0
ĢΕ	6.144	47.6	98.7	99.0	99.2	99.5	99.5	99.7	99.9	99.9	9.9	100.0	100.6	100.0	100.0	100.0	100.0
G.F.	Fart	97.6	76.7	99.0	99.2	99.5	99.5	99.7	99.9	99.9	99.9	107.0	100.0	100 · p	100.0	100.0	106.0
ζ:		97.6	98.7	99.0	99.2	99.4	79.5	99.7	99.9	99.9	99.9	107.0	100.6	100.0	100.0	130.0	100.0
GF		97.6	96.7	99.0	99.2	99.5	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
G.E.		77.6	98 . 7	99.6	99.2	99.5	99.5	99.7	99.5	14.9	94.4	100.0	100.0	100.0	100.0	1.0.0	100.0
SE	1001	÷7.6	98.7	99.0	95.2	99.5	99.5	99.7	94.9	99.9	99.9	100.0	100.0	130.0	100.0	100.0	166.3
Ŀ۴.	:1	57.6	98.7	99.0	94.2	99.5	39.5	99.7	99.9	49.3	99.9	100.0	100.0	100.0	100.0	150.0	160.0
					.												

GLOGAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHFY SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUGHLY $\sigma_{DS}_{ER}vations$

STA	TION N	irwa⊊R:	723865	STATI	ON NAME:	NELL						MONTH	CF REC	HOURS	(LST):	1560-17	מם
		• • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		BILITY				•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	LINS N I		GE	CE	65	GE	GE	GF AT21	66	GE GE	GE TIL	ES GE	33	GΕ	GE	GE	GE
	r. Et l	. GE . 10	ът. 6	UE 5	4	9.5	-		1 1/2		1	3/4	5/8	1/2	5/16	1/4	ü
_				,	4		2 1/2	٠	1 1/2	1 1/4		3/ 4	376	1/2	,,,,,		
	• • • • • •			• • • • • •	• • • • • • •	• • • • • •			• • • • • • •		• • • • • • •		•••••			•••••	
NO	CEIL I	u3.°	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
(, =	200001	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	160001		77.6	77.6	77.0	77.6	77.6	77.6	77.6	17.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
	160001		78.5	78.5	78.0	78.5	78.5	78.5	78.5	78.5	78.5	79.5	78.5	78.5	78.5	78.5	78.5
G.F	140001	53.9	93.9	83.9	83.9	83.9	83.9	83.9	83.9	ø3.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
υĒ	120001	36.6	80.6	86.6	86.0	86.6	86.6	86.6	86.4	06.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
LF	167001	6°.0	88.0	88.C	80.0	5.88	86.0	88.0	88.0	a 8 . O	88.C	88.0	88.0	88.0	86 - 11	88.O	88
Ü.F		6.63	98.6	88.6	P 6 . 6	0A.6	68.6	88.6	80.6	63.6	98.6	86.6	88.6	88.6	88.6	84.6	88.6
SE	60001	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
G r	70001	42.5	92.5	97.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
SF	65501	75.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
٤٤	5701	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95 • Z	95.2	95.2
٦.		96.0	96.5	96.5	90.5	96.	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
G C		95.R	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
6E		96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GF	30.70 !	+7.8	98.7	98.7	96.7	98.7	96.7	95.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
uΣ	2 Fact	93.2	79.E	99.0	95.1	99.1	99.1	99.1	99.1	99.1	99.1	90.1	99.1	99.1	99.1	99.1	99.1
o r		10.3	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
رَّد	15001	4A. T	99.1	99.1	94.2	99.7	99.2	90.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
J.F	15001	ya.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
υE	12301	93.3	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
;, r	inar)	10.3	79.5	90.6	99.8	99.4	99.8	99.8	99.9	99.9	100.0	107.7	100.0	100.0	100.0	100.0	100.0
6 F	91,1	7 A . 7	99.5	99.6	99.0	99.9	99.0	99.8	99.9	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.3
ն "	ruci	> ! • ?	99.5	93.6	99.6	99.A	99.8	99.8	99.9	49.9	100.6	107.0	100.0	100.0	170.0	1 40.0	100.0
ع ر	7061	98.3	99.5	99.6	9.0	99.8	99.8	99.5	79.9	19.9	100.0	100.0	100.0	100.0	100.0	130.0	100.0
١, ٢	4301	9 d • 3	99.5	99.6	99.0	99.0	95.8	99.8	99.9	79.9	100.0	100.0	100.0	103.0	100.0	100.0	100.0
6 =	, 2, 1,	93.3	99.5	90.6	99.0	99.4	99.8	97.2	99.9	99.7	100.0	107.3	100.0	100.0	100.0	1.0.0	160.0
ù f		y = • 3	99.5	99.6	99.5	49.4	99.8	99.9	99.9	99.9	100.C	100.0	100.0	100.0	100.0	1 20.0	100.0
ις		98.3	79.5	99.6	94.3	99.8	99.8	99.8	99.9	14.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
L٢		95.3	99.5	99.€	94.0	47.P	99.8	99.8	94.9	y9.7	100.0	160.0	100.6	100.0	100.0	100.0	106.0
GF	1901	94.3	99.5	99.6	99.8	99.8	99.8	99.R	99.4	99.9	100.0	199.0	100.0	100.0	100.0	1 00 • 0	100.0
31	rj	9 9 e 7	99.5	99.6	06.8	99.F	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.3	130.0	100.0
• • •																	

TOTAL NUMBER OF UNSERVATIONS: 936

GLOFAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY UPAFLIAC FROM HOUPLY OBSERVATIONS ATR WEATHER SERVICE/MAL

HTA MINIMIK SIN	(9 1 1 . E 7 MA														
STATION NUMBER:										MONTH) OF REC	HOURS	(LST):	1860-20	
LEILING	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • •			IN STATE				•••••	• • • • • • •	••••••	• • • • • • • • • • • • • • • • • • • •
16 1 98	Gr	GE	(; r	G E	٥E	SE	GE	LN SIAL	9E		GΕ	GE	вE	GE	GE
FLET I IT		5.	. 4		2 1/2		1 1/2		1			1/2	5/16	1/4	a
NO CEIL 73.9	73.9	73.9	75.9	70.9	76.5	73.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
65 Joruni 19.3	78.3	78.3	70.3	79.3	76.3	78.3	78.3	78.3	78 • 3	78.3	78.3	78.3	78.3	78.3	76.3
GE 187UD 79.5	79.5	79.	79.5	79.5	79.5	79.5	79.5	79.5	79.5	70.5	79.5	79.5	79.5	19.5	79.5
S.Ce (150001 30.2	PD . 2	80.2	80.2	87.Z	80.2	80.2	8Ú.Z	83.2	80.2	87.2	80.2	80.2	80.2	40.2	80.2
6F 14730] 84.3	84.3	84.3	94.5	84.3	84.3	64.3	84.3	04.3	84.3	84.3	84.3	84.3	84.3	64.3	94.3
65 120001 36.2	86.2	86.2	R U + Z	86.2	86.2	86.2	P6.2	ø6 • 2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
0 . 22.0 32	0000	00.2		••••		60.1	•••	0012	.,002	00.1	0012	30 . 2	.,0.2	50.5	00.42
ur 1600n) 88.3	98.3	88.3	88.3	89.3	58.3	88.3	88.3	68.3	Pa.3	88.3	88.3	88.3	98.3	88.3	88.3
5° 905() 89.0	49.0	89.0	P > . U	89.0	99.0	69.0	89.4	9.5	89.L	89. T	89.0	89.0	89.0	39.0	89 • 0
GF 80001 91.8	71.8	91.8	91.6	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.6
6F 70JC +3.4	93.4	97.4	9 5 . 4	93.4	93.4	93.4	93.4	y 3 . 4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 6730 94.A	94.6	94.8	94.6	94.9	94.8	94.8	74.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
or seac √5.6	95.6	95.6	95.6	45.6	75.6	95.6	95.0	75.6	95.6	95.6	95.6	95.6	95.6	₹5.6	95.6
OE 4536 96.2	96.6	96.2	96.2	96.2	96.2	96.2	90.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GF 4840] 97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 35J(48.5	98.5	98.5	96.5	98.5	98.5	98.5	98.5	ya • 5	98.5	98.5	98.5	99.5	98.5	98.5	98.5
GE 3040 93•₩	98.9	98.9	98.9	93.5	96.9	98.9	90.5	78.9	98.9	99.9	98.9	98.9	98.9	98.9	98.9
60 2001 98.5	99.5	99.5	99.5	99.5	49.5	99.5	99.5	90.5	99.	99.5	99.5	99.5	99.5	19.5	99.5
Un 2007 93.9 GF 18001 98.9	99.5	99.5	99.5	94.5	79.5	99.5	99.5	×9.5	99.5	99.5	99.5	79.5	99.5	99.5	99.5
	99.5	99.	94.5	99.6	79.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
65 15051 93.9	93.6	99.€	94.0	99.6	44.6	99.7	94.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	95.7
US 120€ 99.€	99.6	99.6	94.6	40.6	74.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
SF 10301 98.0	99.7	99.7	99.5	97.0	9.6	99.0	99.9	79.9	99.4	93.0	99.9	99.9	99.9	99.9	99.9
6E 630 90.9	29.7	99.7	99.5	93.2	79.6	99.0	99.3	79.9	99.9	y 9 . 9	99.9	99.9	99.9	77.7	95.9
GF 8001 94.9	79.7	99.7	99.5	99.0	99.8	99.9	99.9	77.7	99.9	130.0	100.0	103.3	10.0	100.0	100.0
65 755 79.9	99.7	97.7	94.6	99.6	94.5	99.7	99.9	93.9	99.9	107.0	100.0	100.0	100.0	160.0	100.0
UF 6JT 75.9	99.7	99.7	94.0	97.6	99.8	99.9	99.9	39.9	99.9		100.0				100.0
0. 30 1 7,500	.,,,,		* 7 • 0	,,,,	****	77.7	77.7	,,,,	74.7	103+0	100.0	100.0	100.0	1 30 4 0	10.0
of FOOT 98.9	29.7	99.7	94.5	99.4	75.5	99.9	99.4	99.9	99.9	100.0	100.3	100.0	100.0	130.0	100.0
UE 4uni 90.9	99.7	99.7	97.5	19.1.	94.6	99.0	99.4	99.9	99.9		100.0	133.0		149.0	
6F 3UU 95.9	29.7	99.7	99.0	99.6	99.6	90.9	99.9	,,,,		100.0	100.0				100.0
UE 7301 43.9	99.7	90.7	99.8	49.6	95.8	99.4	99.9	y9.9	99.9		100.0	100.0	100.0	150.0	100.0
65 1091 98.9	29.7	99.7	20.8	49.8	99.8	99.7	99.9	99.9		100.0		100.0			100.0
	,			. •		• .	. , , ,			.00.0	*00*0	.00.0		10010	
SE 01 98.9	79.7	99.7	99.6	40.4	94.8	99.7	99.5	99.9	99.9	100.6	100.0	100.0	100.0	130.0	100.0
		• • • • • •													

TOTAL NUMBER OF OBSERVATIONS: PAC

CLOHAL CLIMATCLOGY BRANCH USAFETAC AIR WIATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURPINCE OF CETLING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

		_			014 1.AME							MONTH	OF REC	HOURS	(LST):		sep
icin		•••••	• • • • • •	· · · · · · ·	•••••	• • • • • •	• • • • • • •			IN STATE		 ES	• • • • • • •	• • • • • •	• • • • • • •	•••••	•••••
15	,	GÉ	Gξ	GE	G.E	GE	Ŀξ	GE	GE	6.5	GE	GE	GE	GΕ	GE.	GE	ĿΕ
LET		10	t	5,	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	u
• • • •	• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •		
CEI	i l	75.4	75.9	75.9	75.5	75.9	75.9	75.9	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
200	อย	51.6	91.0	81.5	81.8	61.8	91.8	81.9	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
150	uni	57.4	F.2.4	52.4	82.4	82.4	32.4	82.4	82.4	02.4	82.4	82.4	82.4	82.4	82.4	62.4	82.4
lto	371	o 7 • 1	83.1	83.1	F 5 - 1	03.1	93.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	63.1	03.1	83.1
140	uni	86.2	A6.2	86.2	86.2	86.2	36.2	86.2	80.2	00.2	86.2	86.2	86.2	96.2	86.2	36.2	86.2
120	371	63.6	89.9	89.9	89.4	89.9	89.9	89.7	89.9	49.9	39.9	89.9	89.9	89.9	89.9	89.9	89.9
160	ا ً د	91.2	91.2	91.2	91.2	91.2	91.2	91.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
g r	301	91.5	91.5	91.5	71.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
8.0	١٦٠	14.2	94.2	94.2	94.2	94.	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
7.0	911	74.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	y4.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
. bC	5 ° I	14.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
5.0	121	45.4	95.8	95.8	95.B	95.4	95.0	95.8	95.8	45.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
4 =	J"l	95.1	96.1	95.1	96.1	95.1	96.1	96.1	96.1	95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	urt	+7.2	97.2	97.2	97.2	47.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
35	JEI.	77.6	77.6	97.6	91.6	97.€	97.6	97.6	97.6	91.6	97.6	97.6	91.6	97.6	97.6	97.6	97.6
30	201	98.3	90.0	99.6	99.5	98.E	98.6	98.9	98.8	8.89	98.8	99.8	98.8	98.8	98.8	98.8	96.8
	lu C		99.1	99.1	99.1	99.1	99.1	99.1	99.1	y4.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
20	571	y2.7	09.5	49.5	34.7	49.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	67 t		94.6	99.E	95.6	40.6	99.6	99.6	99.6	49.6	99.6	97.6	99.6	99.6	99.6	99.6	99.6
	- ^ l		6.60	49.F	34.2	40.2	94.8	99.9	94.6	49.8	99.8	97.8	99.8	99.8	99.8	99.8	99.8
12	3.41	93.8	39.0	99.5	99.8	99.0	79.8	99.0	99.8	47.8	9.8	99.8	99.8	99.5	99.8	99.8	99.8
15	176	y 4 . p	79.8	90.8	99. 9	49.F	99.8	99.8	99.0	77.8	99.8	99.8	99.8	99.9	99.8	99.8	99.8
	ا " ي		99.8	40.4	99.5	49.1	99.8	99.9	99.8	99.8	99.6	99.8	99.3	99.8	99.8	99.8	95.8
	JF 1		39.8	99.9	9.60	39.€	74.8	99.8	99.8	99.3	9.00	99.8	99.8	99.8	99.8	99.8	99.8
	L ~ {		99.8	99.5	9.00	99.2	39.8	99.9	99.4	19.9	79.9	99.9	99.9	99.9	99.9	10.9	99.9
ŧ	unt i	5 * . P	99.8	99.8	99.0	30.2	37.8	99.3	94.9	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	201		79.8	99.8	99.5	97.4	79.8	99.9	99.9	99.9	99.5	99.9	99.9	99.9	190.0	100.0	100.0
	(*) ·		99.8	40.8	63.9	40.0	36.8	99.5	99.9	99.9	79.4	97.9	99.9	99.9	160.0	100.0	100.0
	371		79.8	99.5	99.5	47.F	79.8	99.9	99,9	43.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
	unt i		99.8	49.6	94.8	49.4	99.8	99.9	99.9	,9.9	99.9	99.9	99.9	99.9	100.0	100.0	106.0
1	urt i	y # • 6	44.9	99.8	99.6	99.5	99.8	99.0	99.4	79.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
	r1 -	9.8	79.5	39.0	99.8	47.4	99.8	90.7	99.9	99.9	99.9	90.9	99.5	20.0	100 0	130.0	100.0

TOTAL NUMBER OF ORSERVATIONS: 930

SHAL CLIMATOLOGY BRANCH AFETAL IN WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

PEPIOD OF RECORD: 77-86 TATION NUMBER: 123865 STATION NAME: NEELIS AFB NV MONTH: JAN HOURS(LST): ALL 69.7 69.7 .7 CEIL 1 07.4 69.6 69.7 64.7 69.7 69.7 69.7 69.7 59.7 49.7 69.7 69.7 69.7 . 2303E) 77.7 78.0 79.0 78.0 79.0 78.0 78.0 78.0 78.U 76.0 77.9 73.7 78.5 78.6 77.5 77.9 3 10001 78.7 3 10001 78.7 3 10001 79.4 3 140001 43.5 3 120001 55.9 78.9 79.2 79.7 83.7 79.0 79.B 79.7 79.7 79.0 79.ú 79.0 79.0 79.0 79.0 79.0 75.0 79.8 19.C 77.0 79.t 79.7 79.7 83.8 79.7 79.7 79.7 79.8 79.8 79.8 83.L 63.8 43.8 83.7 8.68 87. P7.3 87.3 87.3 R7.3 87.3 05 100001 6040 00 40001 8045 00 40001 9149 87.4 89.9 59.2 89.3 29.5 89.4 R9.4 89.4 39.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 92.2 89.9 89.9 89.9 89.0 89.9 89.9 89.9 89.9 89.9 89.9 09.9 89.9 99.7 92.1 92.2 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 70101 92.4 60201 95.7 92.7 92.0 92.8 92.8 92.8 12.6 92.7 92.8 92.8 92.9 92.8 92.8 92.8 92.8 92.8 94.0 5030| 74.0 45.0| 95.3 4030| 94.0 35.0| 95.7 300| 97.6 45.2 95.3 95.3 95.4 95.4 95.4 95.3 95.4 96.9 96.0 96.9 96.1 96.9 90.1 96.7 96.9 96.9 96.1 96.9 96.1 96.9 96.1 97.J 96.1 97.0 95.8 90.0 96.1 96.1 97.0 96.8 96.9 70.5 97.2 97.3 97.3 97.3 97.3 97.3 97.3 97.4 97.4 97.4 97.4 97.4 97.4 98.4 95.2 98.4 98.4 98.4 98.1 98.3 98.3 96.3 98.4 1507| 97.0 2001| 97.4 1001| 97.4 1505| 97.6 10.0| 97.6 93.5 98.8 96.8 28.3 78.4 98.7 98.7 98.7 98.8 98.B 98.8 99.8 98.6 98.8 98.8 51 51 99.2 99.2 99.2 99.2 99.0 99.2 99.1 99.1 99.2 99.2 99.2 96.6 98.8 99.0 99.1 99.1 99.2 78.6 76.9 99.5 99.2 98.8 99.6 99.0 99.1 99.1 99.1 99.1 99.2 99.2 94.5 99.5 54 39.4 29.0 94.4 99.5 99.5 97.4 99.6 19.6 99.0 99.7 99.7 99.7 99.7 99.7 99.6 99.3 99.5 39.€ 99.7 99.7 49.7 99.8 99.8 99.8 79 . B 99.9 49.9 94.9 921 97.6 921 97.6 927 97.7 721 97.7 99.6 57.9 99.9 99.3 99.€ 99.7 24.7 99.9 99.9 99.9 29.1 99.5 99.6 99.7 49.7 99.9 79.1 97.0 49.8 99.5 74. R 29.9 99.9 99.9 100.0 100.0 100.0 100.0 99.7 99.8 99.B 99.9 102.2 79.1 99.4 99.6 99.7 95.8 100.0 100.0 100.0 100.8 100.0 100.0 99.0 100.0 99.8 100.0 4.01 77.7 7.11 77.7 7.101 77.7 1.01 97.7 99.1 99.4 91.5 49.7 99.7 99.8 99.8 99.4 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 99.1 99.4 94.6 99.7 99.7 99.8 99.5 47.8 99.9 107.0 100.0 100.0 100.0 100.0 100.0 99.4 99.1 99.5 99.8 100.0 99.5 39.5 100.0 100.9 100.0 100.0 106.0

99.8 99.9 163.0 100.0 100.0 100.0 100.0

1

79.1 TOTAL NUMBER OF GASERVATIONS:

99.7

97.4 95.0

79.7 99.8 99.8

1 17.7

CLORAL CLIMATOLOGY BRANCH-USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUFLY OBSERVATIONS

STATION NUMBER: 723865 STATION WAME: NELLIS AFB NV PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 0040-0200 VISIBILITY IN STATUTE MILES CEILING GE GE 3 2 1/2 G E GE GE GE 2 1 1/2 1 1/4 GŁ GE 5/16 GE IN | FEET | 1 3/4 5/8 1/2 1/4 Ω 10 6 NO LEIL | 77.8 78.0 77.9 73.0 78.C 76.6 78.0 78.3 78.0 78.0 78.€ 78.D 78.0 78.0 78.0 78.0 GF 200001 85.3 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.6 85.5 85.6 85.6 85.6 85.6 OF 14000 89.0 OF 14000 89.0 OF 12000 30.5 86.4 87.1 59.2 86.4 87.1 86.4 87.1 86.4 86.4 86.4 87.1 67.1 86.4 86.4 87.1 97.1 87.1 67.1 87.0 87.1 90.7 90.8 90.8 90.8 90.8 90.8 90.8 40.8 90.8 97.8 90.8 90.8 96.8 97.8 96.8 92.3 93.3 94.3 92.3 93.3 94.3 6F 130001 90.1 6E 90001 93.0 92.3 92.3 92.3 91.3 92.3 93.3 92.2 92.3 92.3 92.3 92.3 92. 1 92.3 92.3 92.3 93.3 93.1 93.3 93.3 93.3 93.3 93.3 93.3 93.3 8000| 94.1 7000| 94.6 94.2 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.8 94.8 94.8 94.A 94.5 94.8 94.8 94.8 94.7 94.8 94.8 94.8 94.8 96.6 97.4 98.0 96.6 96.6 96.5 96.6 45001 96.7 40001 97.3 35001 97.5 97.4 5E 65 97.3 97.9 97.4 98.0 97.4 97.4 98.0 97.4 98.0 97.4 98.0 97.4 97.4 97.4 97.4 97.4 97.4 97.4 98.0 98.0 98.0 98.0 98.0 98.0 (»F 98.1 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98 • 5 99 • 2 98.5 98.5 96.5 99.2 79.1 99.4 99.4 2000| 98.1 1800| 93.1 1500| 99.2 1200| 99.2 (, F 99.1 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 G F 99.4 99.8 99.8 99.8 29.3 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 100.0 100.0 100.0 170.0 100.0 100.0 100.0 100.0 107.0 100.6 100.7 100.0 140.0 100.0 1.5 99.1 100.0 100.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 300-0 110.0 100.0 ton.n 100.0 100.0 100.0 รปก⊩ 99.2 99.5 100.0 ۶ 65 100.0 150.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 8001 95.2 7001 95.2 99.5 109.0 100.0 100.0 100.0 100.0 100.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.4 100.0 100.0 100.0 100.6 99.5 100.0 11.0.0 100.0 100.0 9001 98.2 190.0 100.0 100.0 100.0 130.0 100.0 100.0 100.0 100.0 79.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 170.0 109.0 100.0 1.00 - 0 100.0 100.0 100.0 7301 97.2 7301 98.2 1301 98.0 100.0 100.0 100.5 100.0 100.0 100.0 100 - 6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.5 100.0 100.0 100-0 100.6 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 104.0 10...0 100.3 100.0 100.6 100.0 103.0 100.0 100.0 100.0 100.0 100.0 100.3 100.0 22.5 100.0 170.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OPSERVATIONS:

GLUDAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF GCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 77-86 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV HOURS(LST): 0300-0500 MONTH: FEB VISIBILITY IN STATUTE MILES C! IL 1%3 GE GE 2 1/2 GE 67 5 4 GE 6 GΕ GE 14 | GE FEET | 10 GE GE GE 2 1 1/2 1 1/4 GE 1/2 5/16 1/4 o 40 CEIL | 75.4 75.5 75.8 75.5 75.8 75.8 75.8 75.8 75.8 75.A 75.8 75 - 8 75.8 75 a A 75.8 0F 200JF| 02.7 0F 180J0| 64.2 0F 160U0| 04.9 83.1 23.1 83.1 83.1 83.1 93.1 83.1 83.1 A3.1 83.1 83.1 83.1 84.5 84.5 84.5 A4.3 84.5 R4.5 84.5 84.5 84.5 04.5 84.5 84.5 84.5 64.5 84.5 95.0 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 85.2 87.1 85.2 85.2 85.2 85.2 87.1 140001 86.8 86.9 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 87.1 120001 87.7 90.1 90.1 90.1 90.1 90.1 90.1 91.3 91.3 91.3 91.3 150301 93.9 91.0 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 91.3 92.1 90601 91.7 80001 93.5 91.8 92.1 92.1 92.1 93.9 92.1 92.1 93.9 92.1 93.9 92 • 1 93 • 9 92.1 92.1 93.9 92•1 93•9 92.1 93.9 92.1 93.9 1, 7 92.1 ٦ 93.9 94.0 70301 93.6 93.1 94.C 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 600 P 94.6 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 6 F 94.7 57071 95.0 96.5 96.5 96.5 96.5 6 5 96.5 96.5 96.5 96.2 96.5 96.5 96.5 96.5 96.5 ¥6.5 96.5 4500 97.0 4000 97.4 3500 97.6 97.6 93.0 97.6 98.0 97.6 98.0 97.6 98.0 97.6 97.6 98.0 97.6 98.0 97.6 97.0 97.6 97.6 SE 97.8 98.0 96.0 90.0 98.0 99.0 98.0 98.0 υĒ 98.4 98.2 96.2 30051 93. 99.2 (s.f. 98.9 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.3 99.3 99.3 25301 98.5 99.1 99.3 94.3 99.3 79.3 99.3 99.3 99.5 99.3 99.3 99.3 99.3 99.3 99.3 99.5 99.3 99.3 99.3 99.3 99.3 99.4 99.3 99.3 99.5 99.3 99.3 99.3 20001 98.5 79.1 99.3 99.3 99.3 99.3 99.3 99.3 G E 1900 98.5 99.3 99.1 99.3 99.3 99.1 99.3 99.4 99.5 99.5 99.5 99.5 GF 99.6 99.6 99.5 99.6 99.6 65 99.2 39.4 99.5 99.6 99.6 99.6 9.6 99.6 99.6 99.6 99.6 99.6 99.6 900 93.5 800 94.5 700 94.5 9 F 99.3 99.6 99.6 04.6 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 39.3 99.0 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.0 99.8 99.9 99.3 99.6 99.0 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 6001 95.5 99.8 #301 90.5 #301 96.5 3001 95.5 00.0 99.9 79.3 99.6 99.8 99.9 99.9 99.9 99.9 90.9 99.9 99.9 ر 10 99.6 99.A 99.9 99.9 99.9 99.3 94.6 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.3 94.6 99.8 99.9 99.9 99.9 99.9 99.9 99.9 2001 99.5 99.3 49.E 99.6 99.9 99.9 94.9 99.9 99.9 99.9 100.0 90.6 99.F L. F 1301 98.5 99.3 09.6 9.8 99.9 99.9 43.9 99,9 99.9 99.9 99.9 99.9 1 40 - 0 100.0

TOTAL NUMBER OF OBSERVATIONS:

99.1

99.6

99.5

54€

99.5

29 . H

99.9

9.9.9

40.0

99.9

99.9

99.9

99.9

99.9 130.0 196.0

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Cl 99.5

GLUBAL CLIMATOLOGY BRANCH USAFETAC

PERCUNTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

AIR WEATHER SERVICE/HAC PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): D600-0800 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV VISIBILITY IN STATUTE MILES CEILING STATUTE SE GE GE 11/4 1 GE GE 3 2 1/2 UF 4 GΕ GΕ IN | GE FEET | 10 3E 6 GE 5 GE GE GE 2 1 1/2 1 1/4 3/4 1/2 5/16 0 10 NO CEIL | 67.8 68.1 69.2 60.2 69.2 68.2 68.2 68.4 00.2 68.2 68.2 68.2 68.2 68.7 hR . 7 GE 200001 79.6 79.9 80.1 83.1 80.1 80.1 00.1 80.1 80.1 80.1 80.1 90.1 80.1 84..1 82.9 83.8 82.9 83.8 82.9 82.9 82.9 82.9 82.9 GE 180001 82.3 GE 167001 83.2 92.6 82.9 83.8 P2.4 82.9 83.0 82.9 83.8 82.9 82.9 83.8 82.9 83.6 A 3 . 8 83.9 93.8 83.8 83.8 83.8 63.8 83.8 GF 140001 66.4 86.9 87.1 87.1 99.2 97.1 87.1 87.1 87.1 87.1 97.1 87.1 87.1 87.1 87.1 87.1 87.1 90.8 90.8 90.8 90.8 90.8 96.8 GE 100001 90.1 90.5 90.6 95.0 90.8 90.8 90.8 90.8 90.8 90.8 GF GF 90001 90.5 80001 93.0 91.0 91.3 93.9 91.3 91.3 91.3 93.9 91.3 91.3 91.3 93.9 91.3 93.9 91.3 93.9 91.3 93.9 91.3 93.9 91.3 91.3 93.9 91.3 93.9 70101 93.3 93.9 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 95.0 95.0 95.0 95.0 60301 94.2 95.0 75.D 94.6 95.1 95.4 95.0 95.G 95.0 95.G 96.3 96.3 500CL 95.5 96.3 96.3 96.7 96.3 96.7 96.3 96.3 96.3 96.3 96.3 96.3 6 5 70.1 96.3 96.3 45001 95.9 40001 96.6 35001 97.0 96.7 97.4 97.9 96.7 97.4 96.7 97.4 96.7 97.4 96.7 96.7 96.7 96.7 97.4 96.5 96.7 96.7 96.7 96.7 97.4 97.2 97.6 GE 97.4 97.4 97.4 97.4 97.4 97.9 97.9 97.9 97.9 97.9 ьE üΓ 300Cl 97.2 97.9 98.1 98.1 98.1 96.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 25001 97.5 20001 97.5 19001 97.5 19001 97.6 98.5 78.2 99.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.7 98.8 99.1 98.7 99.7 98.7 98.7 98.7 96.7 96.7 98.7 98.7 98.7 98.7 6! 98.5 98.7 90.7 98.5 65 98.7 95.7 98.7 98.7 98.7 98.7 98.7 99.9 98.7 98.8 98.8 98.8 98.8 98.8 99.1 99.1 99.1 99.1 υſ. 78.6 94.6 90.0 99.2 98.8 98.9 98.9 98.9 99.1 99.2 28.7 98.9 98.9 98.9 98.9 99.1 99.1 99.2 99.2 99.2 99.2 99.2 99.1 UF 900 97.6 POO 97.6 98.7 98.7 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 6.5 7.11 97.6 98.7 99.1 99.1 99.1 99.1 99.4 99.4 49.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 09.3 98.8 99.8 99.3 100.0 100.0 100.0 100.0 99.8 99. 107.0 50.01 97.6 99.1 17.8 99.8 100.0 100.0 100.0 140.0 106.0 28.8 99.4 99.4 99.9 99.8 4001 97.6 3001 97.6 2001 97.6 99.3 99.3 99.4 99.4 99.8 107.0 100.0 98.8 99.9 99.8 100.0 100.0 100.0 99.3 99.5 100.0 100.0 υF 98.5 99.4 99.8 99.8 100.0 100.0 100.0 100.3 99.3 99.8 99.5 100.0 100.0 1001 97.6 98.8 99.3 99.3 93.4 29.4 99.8 99.6 44.A 09.8 109.0 100.0 100.0 100.0 1.0.0 100.0

TOTAL NUMBER OF URSERVATIONS: "4

99.3

00.4

99.4

99.8

99.8

99.0

99.8 100.0 100.0 100.0 100.0 100.0

C1 97.6

GLOBAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF UCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: FEB HOURS(LST): 3940-1100 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV CFILING VISIBILITY IN STATUTE MILES GE GE 3 2 1/2 GE GE GE 5 4 GE GF GE GE 2 1 1/2 1 1/4 1 IN I GE FEET I 1 GE GE 5 3/4 1/2 5/16 1/4 0 NO CEIL | 69.5 69.5 69.5 49.5 69.5 69.5 69.5 69.6 69.6 69.6 69.6 69.6 69.6 69.6 69.6 82.0 82.0 82.0 82.0 82.0 GE 200001 81.8 81.8 81.9 81.9 82.D 83.8 GE 180001 83.6 GE 160001 64.2 83.7 83.8 83.8 8.88 83.8 8 . 7 8 83.6 84.2 83.6 83.6 83.6 83.6 84.2 83.6 84.2 83.7 83.7 84.2 84.2 84.2 84.3 87.J 84.3 84.4 84.4 84.4 87.C 87.1 87.1 87.0 140001 86.9 86.9 89.5 86.9 86.9 86.9 86.9 87.1 80.7 92.6 92.7 92.7 92.7 92.7 92.7 92.7 5E 100001 92.3 92.3 92.4 92.4 92.4 92.4 92.4 92.6 +2.6 92.8 94.3 90001 92.4 80001 94.0 92.4 92.6 94.1 92.6 92.6 94.1 92.6 92.6 94.1 92.7 94.2 92.7 92.7 94.2 92.8 94.3 92.8 94.3 92.8 94.3 92.8 92.8 94.3 94.3 7000 94.2 94.2 94.3 94.6 95.3 94.6 94.3 94.3 94.3 94.4 94.4 94.4 94.6 94.6 94.6 94.6 95.0 74.9 95.0 95.3 95.2 50001 95.7 45001 96.0 40001 96.1 96.1 95.7 95.9 95.9 95.9 95.9 96.0 96.1 96.1 96.1 96.1 96.1 95.9 96.0 96 - D 96.1 96.5 96.1 96.5 96.3 96.7 96.3 96.7 96.3 96.3 96.7 96.3 96.7 96.3 96.7 96.1 96.5 96.2 96.2 58 96.0 96.1 96.1 96.2 96.2 96.5 96.5 96.6 6 E 96.6 96.6 97.5 97.5 97.6 97.6 97.6 97.6 97.6 97.6 30001 97.6 97.9 98.1 98.2 98.2 98.2 98.2 98.3 98.3 98.3 98.5 98.5 98.5 98.5 98.5 98.5 25301 97.6 20001 97.9 18001 97.9 15001 97.9 98.6 98.9 98.8 98.8 98.8 98.8 6.5 97.9 98.3 98.5 98.5 98.5 98.7 98.7 98.7 98.8 98.8 99.2 99.2 99.2 99.2 99.2 95.8 99.1 99.2 99.2 99.2 98.2 98.7 99.1 99.1 51 98.F 98.8 99.2 GF 98.2 98.3 98.7 98.0 98.8 98.8 98.9 99.1 99.1 99.2 99.2 9,1 99.3 99.3 99.3 98.8 99.1 99.1 99.2 99.5 99.5 99.5 99.5 99.3 99.8 99.3 99.3 99.4 99.6 99.6 99.6 99.8 99.8 99.8 99.8 930| 97.9 833| 97.9 730| 97.9 99.1 99.1 99.1 99.4 99.4 99.4 99.9 98.5 98.5 99.4 99.4 99.4 99.5 99.5 99.8 99.8 100.0 100.0 100.0 G.F 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4 98.5 99.4 99.5 99.8 99.8 99.9 109.0 100 • n 100.0 100.0 160.0 106.0 99.8 99.8 100.0 100.0 100.0 98.5 99.9 100.0 99.5 99.5 99.5 100.0 100.0 100.0 100.0 5001 57.9 99.1 99.4 99.4 99.8 99.9 99.9 100.0 98.5 99.4 1, F 6 F 4401 97.9 3001 97.5 99.1 99.4 99.4 99.4 99.8 99.8 99.8 99.9 100.0 100.0 100.0 100.0 100.0 106.0 98.5 99.4 100.0 100.0 100.0 100.0 100.0 100.0 2501 97.9 99.1 99.5 99.9 100.0 100.0 100.0 100.0 99.4 1001 97.9 98.5 99.4 99.8 100.0 100.0 100.0 100.0 100.0 100.0 99.4 99.6 P1 97.9 28.5 99.1 90.4 30.4 99.5 19.8 99.9 130.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

GLUEAL CLIMATOLOGY BRANCH USAFLTAC AIR HEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

, ,1	N VOLTA	IUMRER:	723865		3M&N NC							MONTH		HOURS	(LST):	1250-14	00
C E	LL ING					• • • • • •		IZIV	BILITY	IN STATI	JTE MIL	ES					
F	IN I	_	GE 6	e F	⊍E 4	GE 3	GE 2 1/2	GΕ	GE 1 1/2	SE	6E 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE U
ſ	CEIL		68.3	68.3	66.3	69.3	66.3	68.3	68.3	08.3	68.3	6R.3	68.3	68.4	68.4	68.6	66.6
5.F 5.F 5.F	200001 180001 160001 140001	02.7 34.3 85.5	80.7 82.7 94.3 86.5 89.1	80.7 82.7 84.3 86.5 89.1	80.7 82.7 84.3 86.5 89.1	80.7 82.7 84.3 86.5 89.1	80.9 82.9 84.4 86.6 89.2	80.7 82.9 84.4 86.6 89.2	80.9 82.9 84.4 86.6 89.2	80.9 82.9 84.4 86.6 89.2	80.9 82.9 84.4 86.6 89.2	87.9 82.9 84.4 86.6 89.2	80.9 82.9 84.4 86.6 89.2	81.0 83.0 84.5 86.8 89.4	81.0 83.0 84.5 86.8	81.1 83.1 84.6 86.9 89.5	81.1 83.1 84.6 86.9 89.5
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17676	92.0 94.8 95.0	91.7 92.0 94.8 95.0 95.4	91.7 92.0 94.8 95.0 95.4	91.7 92.0 94.6 95.0 95.4	91.7 92.0 94.8 95.0 95.4	91.8 92.1 94.9 95.2 95.5	91.8 92.1 94.9 95.2 95.5	91.8 92.1 94.9 95.2 95.5	91.8 92.1 94.9 95.2 95.5	91.8 92.1 94.9 95.2 95.5	91.8 92.1 94.9 95.2 95.5	91.8 92.1 94.9 95.2 95.5	92.0 92.2 95.0 95.3 95.6	92.0 92.2 95.0 95.3 95.6	92.1 92.3 95.2 95.4 95.7	92.1 92.3 95.2 95.4 95.7
GE GE GE	4500 4000 3500	96.3 96.3 97.2 97.4 97.8	96.3 96.3 97.3 97.5 98.3	96.3 96.3 97.4 97.8 98.8	96.3 96.3 97.4 97.9 98.9	96.3 96.3 97.4 97.9 98.9	96.5 96.5 97.5 98.0 99.1	96.5 96.5 97.5 98.0 99.1	96.5 96.5 97.5 98.u 99.1	96.5 96.5 97.5 98.0 99.1	96.5 96.5 97.5 98.0 99.1	96.5 96.5 97.5 98.0 99.1	96.5 96.5 97.5 98.0 99.1	96.6 96.6 97.6 98.1 99.2	96.6 96.6 97.6 98.1 99.2	96.7 96.7 97.8 98.2 99.3	96.7 96.7 97.8 96.2 99.3
66 54 56 66 66	2000) 1900) 1500)	93.0 98.2 98.2 99.5 93.5	98.6 98.8 98.6 99.1 99.1	99.1 99.3 99.3 99.5	99.1 99.4 99.4 99.6 99.6	99.2 99.4 99.4 99.6 99.6	99.3 99.5 99.5 99.8 99.8	99.3 99.5 99.5 99.8 99.8	99.3 99.5 99.5 99.8	99.3 99.5 99.5 99.8 99.8	99.3 99.5 99.5 99.8 99.8	99.3 99.5 99.5 99.8 99.8	99.3 99.5 99.5 99.8 99.8	99.4 99.6 99.6 99.9	99.4 99.6 99.6 99.9	99.5 99.8 99.8 100.0	99.5 99.8 99.8 100.0
6F 6F 6F	9001 8001 7001	98.5 99.5 98.5 98.5 98.5	99.1 99.1 99.1 99.1 99.1	99.5 99.5 99.5 99.5 99.5	99.6 99.6 99.6 99.6 99.6	99.6 99.6 99.6 99.6 99.6	99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8	99.9 99.9 99.9 99.9	99.9 99.9 99.9 99.9	100.0 100.0 100.0 100.0	100.0 100.0 100.0
ge GE Ge	490) 300) 200) 100)	93.5 93.5 93.5 93.5 93.5	99.1 99.1 99.1 99.1 99.1	99.5 99.5 99.5 99.5 99.5	99.6 99.6 99.6 99.6 99.6	99.6 99.6 99.6 99.6 99.6	99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8	99.6 99.6 99.8 99.8	99.8 99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8 99.8	99.8 99.8 99.8 99.8 99.8	99.9 99.9 99.9 99.9	99.9 99.9 99.9 99.9	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0
1	rl	99.5	99.1	99.5	99.0	99.6	99.8	99.8	99.8	99.8	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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STATI	ON N	OMBER:	723865	STATI	ON NAME:	NELL	IS AFB	NV				PERIOD	OF REC	ORD: 77			
												MONTH				1560-17	
		• • • • • •			• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	******		* * * * * * * *	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
CEILI		0.5				c.r		GE AT21	BILITY GE	IN STAT	GE MILI	6E	GE	GE	GE	GE	GE
IN FEET	. !		GE	GE 5	GF 4	GE ,	GE 2 1/2			1 1/4	9£ 1	3/4	5/8	1/2	5/16	1/4	0
_		_	6					_			_						
	• • • •	•••••				• • • • • •			•••••				••••	••••			
NO CL	Ti I	65.0	67.0	67.C	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.D	67.0	67.0
., 0 02		0.3.	0	0.00						•		•					
6E 20	taca	83.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 18			83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 16	ga o i	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	64.4	84.4	84.4	84.4	84.4	84.4	64.4	84.4
GE 14	10 00	46.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	06.5	86.6	86.6	86.6	86.8	86.8	86.8	86.8
GE 12	0001	89.7	89.8	90.C	90.0	90.0	90.0	90.0	96.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
6E 10	opol	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1
		92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8
		94.8	94.9	95.0	95.0	95.C	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3
65 T			95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95 • 6	95.6	95.6	95.6
6E 6	1000	95.6	95.9	96.€	96.U	96.0	96.0	96.0	96.0	96.0	96 • 1	96.1	96.1	96.2	96.2	96+2	96.2
									.								
		96.1	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
		96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0 97.8	97.2	97.2	97.2	97.2
		96.8	97.3	97.6	97.0	97.6	97.6	97.6	97.6	97.6 97.8	97.8 97.9	97.8 97.9	97.8	97.9 98.0	97•9 98•0	97.9 98.0	97.9 96.0
		95.9	97.4 97.8	97.8 98.2	97.8 92.2	97.8	97.8 98.5	97.8 98.5	97.8 98.5	98.5	98.6	97.9	98.6	98.7	98.7	98.7	96.7
61 3	9301	97.3	91.8	98.2	45.5	79.5	46.5	70.7	70.5	90.5	78.0	¥7.6D	90.0	70 . /	70.7	70 • 1	70.1
5 Ε 2'	E e e l	97.3	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
		77.6	98.2	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
		93.0	98.6	99.4	99.4	99.6	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
		93.0	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
		98.1	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
•	,		,,,,,	,			.,.								• - •		
ي 1 €	(neg	99.1	98.7	99.5	99.5	99.F	99.8	99.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	oùci.	98.1	98 • 7	99.5	99.5	99.P	99 . B	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
G.E.	8001	98.1	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
6E	7001	98.1	98.7	99.5	99.5	99.8	99.8	99.8	94.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
ა E (€601	98.1	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	106.0
		98.1	98.7	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.9	97.9	99.9	100.0	100.0	100.0	
		99.1	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
		98.1	98.7	99.5	99.5	99.0	99 • 8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	
		98.1	98.7	99.5	99.5	99.8	99.8	99.9	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
G E	1001	93.1	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
6 E		93.1	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9				100.0	
	• • • •							• • • • • • •					• • • • • • •				

TOTAL NUMBER OF OBSERVATIONS:

LOFAL CLIMATOLOGY BRANCH ISAFETAC ITR WEATHER SERVICE/MAC

PERCENTAGE FREGUENCY OF GCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

PERIOD OF RECORD: 77-86

TATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

		· -		3121101		.,,,,,		••					I: FER	HOURS				
	LING	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •			IN STAT			•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••
Bi		I GE	GΕ	GE	G.F.	GF	GE		GF	GE	GE	. C S	Gε	GE	GΕ	GE	6E	
Fil		1 10					2 1/2		1 1/2		1			1/2	5/16	1/4	G	
				• • • • • • • • • • • • • • • • • • •													•••••	
•														• • •				
•0	CLTL	1 71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	
ę,	achas	1 79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.1	79.7	79.7	79.7	79.7	79.7	79.7	
		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	62.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
s t	16050	1 34.4	84.4	84.4	A 4 . 4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
ή. Ε	14060	87.4	97.5	87.5	P 7.5	67.5	67.5	87.6	87.7	87.7	87.7		87.7	87.7	87.7	87.7	87.7	
. F	12000	l 69.6	89.7	89.7	99.7	89.7	99.7	89.8	90.0	0 • تا خ	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
	incar	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
		92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
		93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.9	93.9	93.9		93.9	93.9	93.9	93.9	93.9	
, :		94.3	94.4	94.4	94.4	94.4	94.4	94.6	94.7	94.7	94.7		94.7	94.7	94.7	94.7	94.7	
, :		95.7	95.9	95.4	95.9	95.9	95.9	96.0	96.1	96.1	96 - 1	96.1	96.1	96.1	96.1	96.1	96.1	
, ;	reon	1 96.2	96.3	96.6	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
, i		96.8	96.9	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
, e		97.6	97.8	98.0	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
F		97.6	97.8	98.0	98.6	98.1	98.1	98.2	98.3	98.3	98.3		98.3	98.3	98.3	99.3	98.3	
, t		1 98.2	98.3	94.6	98.6	99.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
ر. ت	25.10	1 98.2	98.3	98.6	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
g F		99.7	78.	99.2	99.3	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
٦, د		98.7	98.7	99.2	99.3	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
ء F		98.7	98.9	99.2	99.3	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.6	
Ē		99.7	99.1	99.3	99.5	99.8	99.8	99.9	100.0	1.0.0	100.C		100.0	100.0	100.0	100.0	100.0	
٦.	10.10	96.7	99.1	99.3	99.5	99.8	99.8	99.9	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0.	100.0	
,,		99.7	99.1	99.3	99.5	99.6	99.8	99.9		100.0			100-0			100.0		
ر ا		98.7	99.1	99.3	99.5	99.8	99.8	99.9		1.0.0						100.0		
J.F		98.7	99.1		99.5	97.8	99.8	99.9		100.0	100.0			100.0	100.0	100.0		
, c		99.7	99.1	99.3	99.5	99.8	99.8	99.9		140.0					100.0	100.0		
	F 1) 6	1	00.1	00.7	00.	00.0	00		160.0	1						100.0		
SE.		98.7 98.7	99.1 99.1	99.3 99.3	97.5	99.8	99.B	99.9		160.0			100.0			100.0		
, r		99.7	99.1		99.5	99.8	99.8	99.9		100.0			100.0	100.0		100.0		
F		97.7	99.1		99.5	99.8	99.8	99.9		100.0			100.0	100.0	100.0		100.0	
r		98.7	99.1		99.5	99.8	99.8			100.0						100.0		
, r			20.1	99.3	00.6		00. 6		100.2	•							100.0	
1.		99.7	77.1	44.7	99.5	yy . 8	99.8	99.9	100.0	100.0	Tunn • D	103.0	100.0	100.0	100.0	1 40 - 0	100.0	

TOTAL NUMBER OF OBSERVATIONS: P46

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

		-	723865				-					PERIOD Month	OF REC	ORD: 77	7-86 (LST):		
	LING	• • • • • •	• • • • • • • •		• • • • • • •	• • • • • • •	•••••	V 1 S 1	BILITY	IN STAT	HITE MIL	FS	•••••	• • • • • •	•••••	•••••	• • • • • • • • • • • • • • • • • • • •
		GÉ	GE	GE	GE	GE	GE		GE	GE	GE		6 E	GE	GΕ	G€	GE
F.S	ET İ	10	6	5	4	3	2 1/2		1 1/2	1 1/4	1			1/2	5/16	1/4	٥
		• • • • •															
NO	CEIL	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
	200001		83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83-1	83.1	83.1	83.1	83.1
	180001		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
	160001		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	140001		88.7	88.7	86.7	88.7	86.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
6 L	15000	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
c.F	100001	22 4	92.7	92.7	92.7	92.7	92.7	92.7	^	92.7	92.7						
	90001		93.1	93.1	93.1	93.1	93.1	93.1	92.7 93.1	93.1	93.1	97.7 93.1	92.7 93.1	92.7 93.1	92.7 93.1	92.7 93.1	92.7
	80001		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2		93.1
	70401		95.0	95.C	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	94 • 2 95 • B	94.2 95.0
υĒ	60001		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
•	00001	7.7.0	,,,,	,,,,	79.3	93.3	75.3	93.3	73.3	7343	73.3	73.3	73.3	73.3	A2.2	A2 • 2	75.3
GΕ	scool	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GΕ	45001	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE	40001	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
υE	35001		97.8	97.8	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
6F	30001	97.6	98.6	98.6	98.6	98.6	98 • 6	98 • 6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
ЬE	2500]		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
ĿΕ	scaol		99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
6 E	1800		99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GΕ	1500		99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
úξ	15001	98.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 F	10001	0	99.8	99.9													
6E		98.5	99.8	99.9	99.9 99.9	160.0	100.6	100.0	100.0			100.0		100.0	100.0	100.0	100.0
GE		98.5	99.8	99.9		100.0	100.0	100.0	100.0			100.0					100.0
ĿΕ		98.5	99.8	99.9		100.0	100.0	100.0	100.0			100.0		100.0	100.0	100.0	100.0
ĿΕ		99.5	99.8	99.9		100.0	160.0	100.0				100.0		100.0	100.0	100.0	
O.	0331	F94.7	,,,,	77.7	77.7	10016	100.0	100 • 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	5061	99.5	99.8	99.9	99.9	100.0	100.6	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.3
ĞΕ		98.5	99.8	99.9		100.0	100.0	100.0	100.0			100.0		100.0	100.0	100.0	100.0
ÚΕ		98.5	79.8	99.9		100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	
GE		98.5	99.8	99.9								100.0	100.0			100.0	
bΕ	1001	98.5	99.8	99.5								100.0					
									20000			-0010				- 50.0	
G F.	ni	98.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.40

TOTAL NUMBER OF OBSERVATIONS:

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STA	TION	NUMBER:	723365	STATI	ON NAME:	NELL	IS AFB A	V				PERIOD	OF REC	ORD: 77	-86		
					_	_						MONTH	: FER	HOURS	(LSTI:	ALL	
CEI	LING							VIS1	BILITY	IN STAT	UTE MIL	ES					
1	N	l GE	GE	GE	GE	GE	GE	GE	GΕ	G€	GE	GE	GE	GE	G£	GE	GE
		1 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	Q.
_	_		-						_		-						
														• • • • • • •			
N 0	CF T)	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
14.17		1 11.4	,,,,	,,,,	,	11.0											
	20000	1 81.6	81.8	81.8	91.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
		83.6	83.7	83.8	83.8	83.8	93.8	83.8	83.8	63.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
		84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
		87.2		87.4							87.5	87.5	87.5	87.6	87.6	87.6	87.6
			87.4		87.4	87.4	87.5	87.5	87.5	87.5							
<i>ن</i> ه دن	15070	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
		91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
úΕ		92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GΕ		94.0	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
5€	7060	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
σE	6030	95.1	95.3	95.4	95.4	95.4	95 • 4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
ÚΕ	5000	96.0	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5
6.E	4500	96.4	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
SE		97.0	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
G٢		97.3	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
Ú.E		97.A	98.3	98.6	96.6	99.7	78.7	98.7	94.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
0 -	3		70.3	70.0	,,,,		,	,,,,,	,,,,	,,,,,	, , , ,	,	,,,,	,,,,	,,,,		
ĢΕ	2500	97.9	98.5	98.8	98.5	98.9	98.9	98.9	99.0	99.0	99.C	99.0	99.0	99.0	99.0	99.0	99.0
6.5		98.1	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE		98.1	98.8	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
											99.6	99.6	99.6	99.6	99.6	99.6	99.6
6.6		98.2	98.9	99.3	99.4	99.5	99.5	99.5	99.6	99.6							
G.E.	1230	1 48.2	99.1	99.4	99.5	99.6	99.6	99•7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
١.																	
U.f.		98.2	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
úΕ		98.2	99.1	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6F		98.2	99.1	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99,9	99.9	99.9	99.9	99.9	99.9	99.9
υE		98.7	99.1	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
υE	60 0	99.2	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
6E	5.00	1 98.2	79.1	99.5	99.6	99.7	99.7	99.R	99.5	99.9	99.9	99,9	99.9	100.0	100.0	100.0	100.0
(; F	460	98.2	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
υŁ	30 3	94.2	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
SE	201	98.2	99.1	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	103.0	100.0		106.0
65		98.2	99.1	99.5	99.6	99.7	99.7	99.8	99.9	97.9	99.9	99.9	99.9	100.0	100.0		100.0
									,								
SE	c	1 39.2	99.1	99.5	99.6	99.7	99.7	99.8	99.9	49.9	99.9	99.9	00.0	100.0	100.0	100.0	100.0
		1 170%	7704									-					
									• • • • • • • •		• • • • • • •	• • • • • •		• · • • • •			• • • • • • • • • • • •

TOTAL NUMBER OF OBSERVATIONS: 6766

LOHAL CLIMATCLOGY BRANCH SAFETAC IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

		R: 72386									PERIOC Month	OF REC	ORD: 77	7-86 (LST):		200
EILING	•••••	• • • • • • • •	• • • • • • •		• • • • • •		ATZI	BILITY	IN STAT	UTE MIL	.£S				• • • • • • •	
	ii	GE 0 6	5	4					GE 1 1/4	1	GE 3/4	5/8	1/2	5/16	1/4	0 0
• • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
O CEIL	1 77.	8 78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
F 20001	1 82.	5 82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7		82.7	82.7	82.7
e ienoi			82.8	82.8	82.8	82.8	82.8	82.8	8.58	82.8	8.58	82.8	82.8	82.8	82.8	82.8
F 16001	ا 83.	5 R3.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
F 14001			86.8	86.8	86.8	86.8	86.8	86.8	ø6.8	86.8	86.8	86.8		86.8	86.8	86.8
E 12000	69.	5 89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
F 1600	0 91.	0 91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
5 9000	91.	r 91.1			91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
	71 93.				93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
F 1066					94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
ר גרטי	1 95.	95.9	96.0	96.0	96.℃	96.0	96.0	96.0	96.0	96.0	96.D	96.0	96.0	96.0	96.0	96.0
E 5001	1 96.	9 97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
E 4501	97.	7 97.8			98.0	98 • U	98.0	98.0	98.0	98.C	98.0	98.0		98.0	98.0	98.0
E 4001	1 97.				98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	1 98.				98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
5 3000	98.	3 98.4	98.5	98.6	99.6	98.6	98.6	98 • 6	98.6	98.6	94.6	98.6	98.6	98.6	98.6	98.6
5 <u>25</u> 00	: →6.	7 98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
F 2000	1 99.		99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	99.		99.7		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	1 99.			99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
F 1201	99.	2 99.7	99.8	99.9	99.9	99.9	99.9	99.9	19.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
r 1001	1 99.	2 99.8	90.9	106.6	100.0		100.0	100.0	1J0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.		99.9		100.0	100 · D	100.0		100.0		100.0		100.0			100.0
	٠٤ ١٠		99.9		100.3	100.0		100.0			100.0			100.0		100.0
	1 36.				100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	
r 631	1 99.	7 99.6	99.9	100.6	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.										100.0					100.0
	: +9.										109.0					
	95.				100.0						100.0					100.0
	99.				100.0						100.0				100.0	
100	99.	2 99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
: 1	1 99.	2 99.8	99.9	100.0	100.0	100.0	100.0	100.0	1.0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • • • • •	• • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	••••••	• • • • • •	•••••	• • • • • • •	•••••

THE NUMBER OF OBSERVATIONS: 230

LUBAL CLIMATOLOGY BRANCH SAFETAC IR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF UCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

						ON NAME:		_	•				PERIOD Month					00
	LING	•••											.E\$		• • • • • • •	•••••	•••••	•••••
	N.	1	GE	GE	GE	GE	GE	GE		GΕ	GE		GE		G€	GE	GE	6 E
: E	E T			6				2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	٥
	• • • •																	
)	CETL	ı	78.9	79.1	79.1	75.1	79.1	79-1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
F	20 0 0	οl	62.8	83.u	83.0	83.0	83.0	83.U	83.0	0.23	o 3 . D	A3.0	83.0	83.0	83.0	83.0	83.0	83.0
			33.ft	83.2	83.2	83.2	83.2	83.2	83.2	83.2	63.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
			83.8	84.0	84.0	84.0	84.0	84.0	64.C	84.0	84.0	84.0	84.0	84.0	84.0	84 D	84.0	84.0
			86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	67.0	87.0	87.0		87.0	87.0	87.0	87.0
٢	1200	C I	89.6	89.8	69.8	89.8	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	99.8	89.8	89.8
r	10001	0	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
٤	9000	B (91.5 93.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
				94.D	94.D	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.D	94.0	94.0	94.0	94.0	94.0
ķ			94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
ŗ	6001	C.I	96.5	96.7	96.7	96.7	96.7	96•7	96•7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	J (U .		97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2			97.2	97.2	97.2
F			97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
E E			97.7	98.0	98.0	96.0	98.C	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.D
F			98.2	98.4	98.4	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
ľ	ינטנ	'	98.4	98.6	98.6	98.6	98.6	98.6	98 • 6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
£	2506	٦.	49.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
į			99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	¥9.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
r			99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.0
۲			79.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7		99.7	99.7	99.7	99.7
r	120	Υİ	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99•8	99.B	99.8	99.8	99.8	99.8	99.8	99.8	99.8
F			97.5	99.8	99.8		99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
				100.0	100.0	105.0			100.0	100.0	100.0	100.0	107.0	100.0	100.0		100.0	
				100.0	100.0		100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F				100.6	100.0			100.0	100.0	100.0	100.0		100.0	100.0			100.0	100.0
ľ	50!	21	77.1	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
¢.					100.0	100.6	100.0	100.0	100.0	100.0			100.0				100.0	
ļ.			99.7						100.0		100.0		100.0		100.0		100.0	
r			99.7		100.0 100.0				100.0				100.0			100.0		
E.						100.0		100.0					100.0		100.0		100.0	
ľ													100.0	-		100.0		
۲.		1	99.7	100.0	100.0	100.0	100.C	100.0									100.0	106.0
•					•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •			• • • • • • •			• • • • • • •			

OTAL NUMBER OF OBSERVATIONS:

930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WIATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 MONTH: MAR HOURS(LST): 0600-0800 VISIBILITY IN STATUTE MILES
GE GE GE GE GE GE GE GE GE
2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4 0 CEILING GE IN GE GE GE GE GE GE FEET | 10 6 5 4 3 2 1/2 NO CETL | 72.2 72.4 72.4 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.6 72.7 72.7 72.7 GF 200001 81.6 81.8 81.8 82.n 62.0 82.0 82.0 A 2 . (1 82.0 82.0 87.0 82.0 82.0 82.2 82.2 82.2 GE 180001 82.4 GE 160001 83.5 82.6 83.8 82.8 84.0 82.P 84.C 82.8 84.0 82.6 83.8 82.9 82.8 82.8 62.8 84.0 82.8 84.0 82.8 84.0 82.8 84.0 82.9 84.1 82.8 84.0 82.9 84.1 84.1 6E 140001 87.1 87.3 87.5 87.6 87.6 87.6 120001 89.4 89.6 89.6 89.8 89.8 87.8 GE 18000| 91.6 GE 9000| 91.6 GE 8000| 93.9 91.8 91.8 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.2 92.2 92.2 91.8 92.0 92.0 94.4 92.0 94.4 94.8 91.8 94.2 92.0 92.U 94.4 92.0 94.4 92.0 94.4 92.0 92.0 94.4 92•2 94•5 92.2 94.5 92.2 94.5 92.0 94.4 94.4 94.4 94.6 70301 94.3 94.6 94.8 94.6 94.8 94.8 94.8 94.8 94.8 94.8 94.8 94.9 94.9 94.9 60001 94.9 95.4 95.4 50001 96.3 97.3 97.6 97.4 97.7 98.1 97.3 97.3 97.3 97.3 97.4 97.4 97.5 97.5 97.5 4500| 96.7 4030| 97.0 3500| 97.4 97.2 97.5 97.4 97.7 97.6 98.0 97.6 98.0 97.6 98.0 97.6 98.0 97.6 98.0 97.7 98.1 97.7 98.1 97.8 98.2 υE 97.6 98.0 98.2 98.2 98.0 98.2 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.5 98.5 98.5 98.6 98.6 98.4 98.4 96.4 98.4 98.5 98.5 98.5 98.6 98.6 98.6 25001 98.0 98.5 98.8 99.0 99.0 99.0 99.1 99.0 99.0 99.0 99.0 99.1 99.1 99.2 99.2 99.2 6 F 20001 98.5 18001 99.5 99.0 99.4 99.6 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.7 99.8 99.8 99.9 99.7 99.9 99.8 99.8 99.9 99.9 u F. 15001 98.5 99.1 99.5 99.7 49.8 100.0 100.0 100.0 12301 98.5 99.1 99.5 99.7 99.8 99.8 99.8 99.8 99.8 99.9 100.0 100.0 100.0 55 10001 98.5 99.1 99.5 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 100.0 100.0 100.0 9001 78.5 79.1 99.7 99.5 99.8 99.8 99.8 99.8 99.B 99.9 99.9 99.9 100.0 100.0 100.0 99.1 99.1 ЬE 8601 98.5 7001 98.5 99.5 99.7 99.8 99.8 99.8 99.8 99.9 99.9 99.8 99.8 100.0 100.0 99.6 99.8 99.9 100.0 100.0 65 6UCL 98.5 39.1 99.5 99.7 99.8 99.8 99.9 100.0 5001 98.5 4001 98.5 3001 93.5 G F 99.1 99.5 99.7 99.8 99.8 99.9 99.9 100.0 100.0 100.0 99.1 99.1 99.1 99.5 99.5 99.5 99.7 99.7 6 E 99.8 99.8 99.8 97.8 99.8 99.8 99.6 99.8 99.9 99.9 99.9 99.9 100.D 100.D 100.0 100.0 99.8 99.8 99.8 99.8 2071 98.5 99.7 99.6 9.00 19 - B 99.8 99.9 99.9 99.9 100.0 1 J0.0 106.0 99.8 99.8 99.9 100.0 100.0 100.0 99.5 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.9 100.0 100.0 100.0

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TOTAL NUMBER OF OBSERVATIONS: 030

DEAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF UCCURPENCE OF CETLING VERSUS VISIBILITY AFELTAC FROM HOURLY OBSERVATIONS

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* WIATHER SERVICE/MAC

PERIOD OF RECORD: 77-86 ATION NUMPER: 723865 STATION NAME: NELLIS AFB NV MONTH: MAR HOURS (LST): 0900-1100 VISIBILITY IN STATUTE MILES GE GE GE GE 5/8 1/2 5/16 GE GE 1/4 D 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 70.2 20007| 62.2 16000| 53.5 16000| 84.6 14000| 57.4 82.4 82.2 82.4 82.4 83.8 92.4 83.8 82.4 82.4 82.4 82.4 82.4 83.8 84.8 87.6 83.8 84.8 87.6 83.5 84.6 83.8 63.8 83.8 83.8 8.88 83.8 83.8 83.8 83.8 83.8 84.8 84.8 84.8 84.8 84 .d 84.8 84.8 84.8 84.8 84.8 87.6 87.4 87.6 87.0 67.6 87.6 87.6 87.6 120001 89.2 89.5 100001 91.0 91.1 91.4 91.4 91.4 91.4 91.4 91.4 91.3 91.3 91.4 91.4 91.4 91.4 91.4 91.4 91.4 94.8 95.8 9000 91.0 8000 94.1 91.1 91.3 91.3 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 70001 94.9 95.2 95.6 95.8 95.8 95.8 97.0 60.01 96.2 76.6 97.0 97.2 5000| 97.3 4500| 97.3 4000| 99.0 3500| 99.0 97.6 98.5 98.5 99.1 99.2 98.2 98.2 98.5 96.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 97.6 98.3 98.4 99.2 98.8 98.3 98.5 98.5 99.1 98.5 99.1 98.5 99.1 98.5 98.5 99.1 99.2 98.5 98.5 99.1 99.2 98.5 99.1 99.2 98.5 98.5 99.1 99.1 98.9 95.9 99.2 30001 98.0 98.4 98.9 98.9 2500 98.0 2000 98.0 1900 98.0 1500 98.1 78.6 99.4 99.4 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 98.8 98.8 98.9 99.6 99.7 99.9 99.9 100.0 99.6 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.7 100.0 100.0 100.0 100.3 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 1000[98.1 99.7 100.0 100.0 98.9 100.0 100.0 100.7 100.6 100.0 100.0 100.0 100.0 100.0 9001 98.1 8301 99.1 78.9 98.9 99.7 99.7 100.0 100.0 100.6 100.0 100.0 133.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7.01 94.1 78.9 99.7 99.7 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 96.9 99.7 99.7 160.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 500| 98.1 400| 95.1 700| 98.1 700| 98.1 98.0 99.7 99.7 160.0 icc.n 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 99.7 99.7 100.0 109.0 109.0 100.0 18.9 98.9 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 0.001 109.0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 96.9 106.0 100.0 100.0 100.0 100.0 100.0 130.0 100.0 100.0 100.0 94.7 100.0 100.0 140.0 100.0 100.0 99.7 169.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TAL NUMBER OF GREENATIONS :

AL CLIMATCLOGY PRANCH CTAC WEATHER SERVICE/MAC

FERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUTLY OBSERVATIONS

ION NUMPER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86
MONTH: MAR HOURS(LST): 1200-1400 ION NUMPER: 723865 STATION NAME: NELLIS AFB NV

185	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •	•••••		BILITY	IN STAT	UTE MIL	.E.S						• • •
1	SE	ĞE	GE	ьf	GE	GE.	GE	GF	GE	GΕ	GΕ	GΕ	G£	GE	GE	GE	
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
												• • • • • •				• • • • • • •	• • •
TETL 1	62.9	63.C	63.1	63-1	63.2	63.3	63.3	63.3	03.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	
10000		77.1	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
190001		78.4	78.5	78.5	78.6	76.7	78.7	78.1	78.7	78.7	78 • 7	78.7	78.7	76.7	78.7	76.7	
150001		79.1	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
140001		83.1	83.2	63.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
120901	54.7	8.48	84.9	84.9	85 • 1	85.2	85.2	85.2	65.2	85 • 2	85.2	85.2	85.2	85.2	85 • Z	85.2	
iupani	0	97.1	87.2	87.2	87.3	A7.4	67.5	87.5	o 7.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
10000		87.2	87.3	87.3	87.4	87.5	87.6	87.6	B7.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
13638		90.3	90.4	90.4	90.5	90.6	90.9	90.8	93.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
70001		92.3	92.4	92.4	92.5	72.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
incha	_	95 • 1	95.2	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
• • • •																	
scont	96.5	96.7	97.0	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
4Funi	95.6	96.8	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
40001	97.0	97.4	97.7	97.7	97.5	98.0	98.1	98 • 1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
35001	97.I	97.5	97.€	97.8	98.0	98.1	99.2	98.2	98.2	98 • 2	98.2	98.2	98.2	98.2	98.2	96.2	
3000	47.5	98.3	98.7	98.7	98.8	98.9	99.0	99∙⊍	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
asar j		78.5	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
2nant		98.9	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
1207		78.9	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99 .7 9 9.9	99.7	99.7	99.7	
1200		99.1	99.6	99.0	99.7 99.7	99.8 99.6	99.9	99.9 99.9	99.9	99.9	99.9	99.9 99.9	99.9	99.9 99.9	99.9 99.9	99.9 99.9	
isanl	91.1	99.1	99.6	99.6	99.7	99.8	99.9	77.7	77.7	49.9	97.9	77.7	77.7	77.7	77.7	77.7	
inual	27.7	99.1	99.6	99.6	99.7	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
	97.7	99.1	99.6	99.6	49.7	99.8	100.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	
	97.7	99.1	99.6	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	97.7	29.1	99.6	99.6	99.7	99.8	100.0	100.0	130.0	100.3	100.0	100.0	100.0	100.0	130.0	104.0	
6071	97.7	99.1	99.6	99.6	99.7	95.8	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	106.3	
		-															
	47.7	79.1	79.t	99.6	99.7	39.6	100.3	103.0	1-0-0	170.0	100.0	100.0	100.0	100.0	100.0	100.0	
	97.7	99.1	99.6	99.0	99.7	39.8	100.0	100.0	100.0	1 00 · C	100.0	100.0	100.0	100.0	100.0	100.0	
	47.7	99 • 1	99.6	79.6	49.7	99.8	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2001		99.1	99.6	99.6	49.7	79.8	100.0	100.U	140.0	100.0	100.0	100.0	100.0	100.0	1 ບຄ• ຍ	100.0	
1071	77.7	99.1	99.6	99.6	99.7	99.8	130.0	190.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	
()	27.7	39.1	99.E	99.0	99.7	99.8	100.0	100.0	1-0-0	100.0	150.0	100.0	100.0	100.0	100.0	100.0	

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

			723965									HONTH	: HAR		(LST):	1500-17	
		• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	* * * * * * * * * * * * * * * * * * *	D 11 1 T V	IN STATE	 #11		• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	LING N I	Gē	GE	Gξ	GF	GE	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE
	ET I		6	5	4	_	2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
					• · · · · • • •												
•••									••••								
N O	CEIL I	58.3	5 8 • 7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58 • 7	58.7	58.7	58.7
		3 3	300.	30.		3,	55.	•••		3							
65	zonuni	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
; ; c	180001	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74-1	74 - 1	74.1	74.1	74.1
	160001		75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
ŭ.E	ignori	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	ianuni		81.2	81.2	81.2	81.2	81.2	81.2	81.2	d1.2	81.2	81.2	81.2	81.2	P1.2	81.2	81.2
., r	100001	34.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84 • 6	84.6	84.6	84.6
(, F	90001		85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
∫ ₂ F	80001		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
ī.Ē	70001		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
L.F	enani		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.9	95.8	95.8	95.8
0	J. J.	, , , ,	, 3	,,,,,	, , ,	,,,,,	,,,,,	,,,,	, 5 . 0	,,,,		,					
Q.F	snant	44.5	96.9	96.9	96.9	96.9	96.9	96.9	97.3	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4
ű.E.	4500		97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7
3.0	40001		97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0
Ú.F	3501		97.7	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.3	98.3	98.4	98.4	98.4	96.4
J.E.	30001		76.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.5	99.7	98.7	98.8	98.8	98.8	96.8
3 (.	27.24.1	,,,,	70.2	70,03	70.3	70.0	70.3	,0.5	70.4	,,,,	70.5	,,,,,	,	,,,,			,,,,,
۶ ر	25001	97 7	98.5	98.7	98.7	98.7	98.7	98.7	98.8	93.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2
12.5	2000		78.7	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8
ű.F	18501		98.9	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8
u.F	15001		98.9	99.2	99.2	97.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8
(. "	120 01		98.9	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8
4.	420 1		,0.,	77.62	77.6	,,,,	,,,,	77.62	,,,,	,,,,	,,,,	,,,,,	,,,,,	,,,,	,,,,		,,,,
3.5	10001	G. n	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9
o F		98.0	78.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9
۶۲		99.0	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9
1,5		93.0	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	140.0	100.0
1, 5		98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
.,	-201	,5.11	70.7	77.62	77.2	77.2	77.2	77.4	7743	77.3	77.1	,,,,	,,,,	10010	10010	100.0	
5.5	5,.11	95.3	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
G.F		95•3 95•6	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
125		98.F	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
		95.1 95.1	98.9	99.2	97.2	99.2	99.2	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	140.0	100.0
ur.		33.0	78.9		_	99.2	99.2		99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
q!	12,1	44.D	16.7	49.2	99.2	44.	77.2	99.2	77.5	77.5	44.1	74.9	77.7	103.0	100.0	1000	100.0
7, €	51	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.7	99.9	99.9	100.3	100.0	100.0	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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1

AIR HEATHER SERVICE/HAC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 HONTH: MAR HOURS (LST): 1800-2000 VISIBILITY IN STATUTE MILES CEILING GE GE 3 2 1/2 IN | GE FEET | 10 GE 5 GE GE GE 2 1 1/2 1 1/4 GE 1/2 GE 1/4 GE GE G£ GF GE G 3/4 4 1 5/8 5/16 6 . . . *.* 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 66.2 NO CEIL | 65.9 66.0 66.1 66.2 66.2 66.2 74.1 75.2 76.5 74.1 75.2 76.5 74.1 75.2 76.5 74.1 75.2 76.5 74.1 75.2 76.5 GE 200001 73.8 73.9 74.0 75.1 76.3 74.1 75.2 76.5 74.1 15.2 76.5 74.1 75.2 76.5 74.1 75.2 76.5 74.1 74.1 75.2 76.5 GE 18000 74.8 GE 16000 76.1 74.9 76.2 75.2 76.5 75.2 76.5 75.2 76.5 65 140301 79.6 79.7 79.8 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 79.9 83.5 83.5 83.5 83.5 83.5 GE 120001 83.2 83.3 83.4 83.5 83.5 83.5 83.5 83.5 63.5 83.5 GE 100001 85.9 CF 90001 86.7 GE 80001 90.9 86.2 87.0 91.3 86.2 67.0 91.3 96.0 86.1 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.2 86.9 87.0 91.3 87.0 91.3 87.0 87.0 91.3 87.D 91.3 87.0 91.3 87.0 91.3 87.0 87.0 87.0 86.8 87.0 91.3 70001 94.1 6 E 60001 95.5 95.8 95.9 96.0 96.0 96.1 96.1 96.1 96.1 96.2 96.2 96.2 96.2 96.2 96.2 96.2 97.1 97.6 98.4 97.0 97.1 97.1 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.5 98.3 98.5 97.7 98.5 98.7 4500) 97.0 4000) 97.2 3500) 97.4 97.4 97.5 97.7 97.7 98.5 98.7 97.7 97.3 98.0 97.6 98.4 97.6 98.4 97.6 97.7 98.5 97.7 97.7 6F 98.5 98.5 98.7 98.5 96.7 98.6 98.6 98.7 98.7 78.2 98.4 98.5 98.6 98.6 98.7 30001 97.5 98.7 98.8 99.0 99.7 99.7 99.0 99.6 99.6 99.7 99.7 99.7 99.7 99.8 99.8 99.9 99.8 99.8 99.8 99.8 99.9 99.8 99.8 99.9 1,0 20011 97.7 98.8 99.2 99.6 99.7 99.8 99.8 99.8 19601 97.7 99.6 99.8 99.8 98.8 99.4 99.8 SE 15001 97.7 98.8 99.7 99.7 99.8 99.8 99.8 99.9 99.9 99.9 12301 99.8 υ£ 98.8 99.7 99.8 99.8 99.8 99.9 99.9 99.9 99.9 10201 ST. 8 99.5 99.9 100.0 98.9 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 140.0 100.0 9JC| 97.8 8JO| 97.8 98.9 99.5 99.8 99.8 99.9 99.9 97.9 ĢF 100.0 100.0 100.0 100.0 100.0 100.0 100.0 į, į 100.0 100.0 100.0 100.0 100.0 100.0 100.0 97.8 99.5 99.9 100.0 100.0 100.0 100.0 100.0 6401 97.8 98.9 99.5 99.8 99.8 99.9 99.9 99.4 99.9 100.D 100.0 100.0 100.0 100.0 100.0 100.0 5001 97.8 4001 97.8 7unt 97.8 98.9 99.5 99.8 99.8 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 100.D 100.0 100.0 100.0 99.8 99.5 99.8 99.8 99.9 98.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001 97.8 78.9 99.9 99.9 94.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 97.8 100.0 100.0 100.0 100.0 100.0 99.8 98.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

230

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

						ON NAME:							MONTH	OF REC	HOURS	(LST):	2100-23		
	ILING	•••	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	1214	BILITY	IN STAT	HITE MIL			• • • • • • •	•••••	•••••	•••••	•
	IN	ı	GE	GE	GE	GF	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
	EET		10	6	5	Ŭ. 4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0	
			_		_														
NO.	CEIL	ı	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	
üΕ	2000	c i	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
G.S	1800	01	79.8	79.9	79.9	60.0	80.0	90.0	80.0	80.0	.80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
GΕ	1603	Сl	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	
υĒ	1400	01	84.3	94.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
GΕ	1200	C į	89.0	88.1	88.1	88.2	89.2	88.2	88.2	88.2	58.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
GE	1003	61	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
	900			90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
	800			93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
GF			94.9	95 • 1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
6.5	600			96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
•	0.0	•			,,,,				,,,,										
65	500	n I	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GΞ			98.3	98.4	98.4	98.5	98.5	96.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
6 F			98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
G.E.		-	98.7	98.8	98.6	98.9	98.9	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE			99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
U 1.	303	C I	77.4	77.3	77.5	79.0	77.0	,,,,	77.0	,,,,	77.0	77.0	77.0	77.0	,,,,	77.0	77.0	,,,,	
G F.	260	~ I	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE			99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
68			99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
G.F			97.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
6 E			27.4	99.6		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
υr.	124		97.4	77.6	99.6	44.1	99.1	77.1	77.1	77.1	99.7	99.7	99.7	77.1	99.1	77.1	99.1	99.1	
(, F	100	r-1	99.4	99.8	99.6	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
6F			90.4	99.8	99.8	100.0	100.0	196.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
u F	-		97.4	99.8	99.8		100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0.5			99.4	77.8	99.8		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
		•																	
υĒ	60	e I	99.4	99.8	99.8	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
g.F	E 0 1	n 1	99.4	9.8	99.8	100.0	100.0	100.6	100.0	100 0	1 10 0	100 0		100.0	100.0	100.0	100 0	100.0	
GF			99.4	99.8	99.8		100.6		100.0	100.0	130.0	100.0	100.0	100.0 100.u	100.0	100.0	100.0	100.0	
6.T			99.4	99.8	99.8		100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	
ιs.			99.4					100.0	100.0	100.0									
D:			50.4	99.8	99∙₺		100.0				100.0		100.0	100.0	100.0	100.0	100.0	100.0	
ь,	15	:1	90.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	
GF		۲į	99.4	99.8	99.6	106.0	163.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0	

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

	TICN	NUMBER:	723865	STATI	ON NAME:	NELL	IS AFB !	٧V					OF REC				
,		· -											1: MAR		(LST):	ALL	
<u>ن</u>				• • • • • •	• • • • • • • •	• • • • •		• • • • • •					• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	LING		_						IBILITY								
			GΕ	eF _				G E	GE	GE	GE	GE			GE	GE 1/4	GE O
	.E.T	1 10		5	4		2 1/2		1 1/2		1		5/8	1/2	5/16		
• • •		• • • • • • • •		• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • •	•••••								
4.0	CETI	1 77.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
I_{ijF}	2000	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
55	18001	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	60.1	80.1
, 6 F	1600	9.08	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
115	14001	71 84.2	84.4	84.4	84.5	84.5	84.5	84 • 5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
' t	12000	9.68	86.9	87.C	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
								89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
ا بن این		01 89.C	99.2 89.4	89.3 89.4	89.5	89.4 89.5	89.4 89.5	89.4		89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
35		01 92.3	92.6	92.6	92.7	92.7	92.7	92.8		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
55		1 92.3		94.2	94.3	94.3	94.3	94.3		94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
j.		.1 93.9 11 95.6	94.1	96.0	96.1		96.1	96.1		96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
J.,	61.71	11 95.6	95.9	96.0	96.1	96.1	40.1	A0 • 1	90.1	76.1	90.2	70.2	70.2	70.2	70.2	70.2	70.2
٥F	5na (96.8	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
٦.	4501	01 97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
្ទ	4001	97.6	97.9	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
üΓ	350	97.8	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	99.6	98.6	98.6	98.6	98.6	98.6
60	300	31 99.0	98.4	98.6	98.7	98.8	98.8	98.8	98+8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
6 f	25.01	01 99.3	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
ن. £ن		01 98.5	99.2	99.4	99.5	99.6	99.6	99.7		99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.0
G.T.		38.5	99.2	99.4	99.5	99.6	99.6	99.7		99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
6-		98.5	99.2	99.5	99.6	99.7	99.7	99.7		99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
ű.		98.5	99.2	99.6	99.7	99.7	99.7	99.8		99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE		99.5	99.3	99.6	99.7	99.8	99.8	99.8		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE		1 98.5	99.3	99.6	99.7	99.8	99.8	99.9		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
35		11 92.5	99.3	99.6	99.7	99.8	99.8	99.9		99.9 99.9	99.9 99.9	100.0	100.0	100.0	100.0	100.0	100.0 100.0
a f		98.5	99.3	99.6	99.7	99.8	99 • 8	99.9				100.0				100.0	
٦,٢	PDI	1 98.5	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
ω£,	501	98.5	99.3	99.6	99.7	99.9	99.8	99.9	99.9	99.9		100.0		100.0	100.0	100.0	100.0
٠, ٢	401	1 93.5	99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
٠, ۴	301	93.5	99.5	99.6	99.7	99.8	99.8	99.9	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
ر.	201	1 98.5	99.3	99.6	99.7	99.5	99 • B	99.9	99.9	.99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
⊎ f_	'د 1	1 98.5	99.3	99.6	99.7	99.R	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
:: F	,	1 93.5	79.3	99.6	99.7	99.9	99.8	99.9	99.9	99.9	99.9	100.0	100.0	103.0	100.0	100.0	106.0

東京の関係を受けれることがは、10mmに対象である。 10mmに対象では、10mmに対象では、10mmに対象では、10mmに対象では、10mmに対象では、10mmに対象では、10mmに対象に対象に対象

AL CLIMATOLOGY BRANCH ETAC EATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST): 0000-0200

TION NUMPER: 723865 STATION NAME: NELLIS AFB NV

	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		* * * * * * *	TN CT47		 Er	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
_ ING	GE	c F	c.c	c.e	c s	cr	A 121	BILLII	IN STAT GE	חוב שור	ES GE	e.E	GΕ	c c	GE	GE
		6	5	U E	30	2 1/2	2	1 1/2	1 1/4	30	3/4					0.
											3,4					-
		•••••	••••													
CETL	37.B	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
					•											
200001	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
160001	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
160001	93.0	93.D	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
140001		95.1	95.1	95.1	95.1		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95 • 1	95.1
Tibout.	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
10000		98.1	98 - 1	96.1	98.1	98 • 1	98.1	98.1	98 • 1	98 • 1	98.1	98.1	98.1	98.1	98.1	98.1
90001		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	99.4	98.4	98.4	98.4	98.4	98.4
80301		99.1	99.1	99.1	99•1 99•3	99•1 99•3	99.1	99.1	99.1	99.1	99.1	99.1	99.1 99.3	99.1 99.3	99•1 99•3	99.1 99.3
(רטסו		99.3	99.3	99.3			99.3 99.4	99.3	99.3 99.4	99.3	99.3	99.3 99.4	99.4	99.4	99.4	99.4
60001	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	77.4	99.4	99.4	99.4	77.4	77.4	77.4	77.4
50001	00 4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
45301		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4036		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
35001		79.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
30001		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
3 0,	,	.,.			,											
25001	99.7	99.8	99.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.0	99.8	99.8	99.8	99.8	99.8
2000		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9
16004		100.0	100.0	100.0				100.0		100.0	100.0	100.0		100.0		
15000		100.0	100.0		100.0		100.0	100.0		100.0	100.0	100.0	100.0		100.0	100.0
12001	99.9	100.0	100.C	100.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000		100.0		100.6	100.0				100.0			100.0		100.0		
	99.9 99.9	100.0		100.0 100.0					100.0		100.0 100.0		100.0			
	99.9	100.0				100.0			100.0				100.0			
	99.9	100.0							100.0				100.0			
60.1	7447	100.0	100.0	100.0	100.0	100.0	10010	200.0	100.0	100+0	10.100	100.0	100.0	100.0	100.0	100+0
Sunt	99.9	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.9	100.0		100.0							100.0		100.0		100.0	100.0
	99.9	100.0	100.0	100.0	100.0		100.0		100.0			100.0	100.0		100.0	100.0
	99.9	100.0	100.0	100,0		130.0					100.0			100.0	160.0	100.0
	99.9	190.0									100.0					
	-							•								
r.I.	99.9	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TAL NUMBER OF OBSERVATIONS:

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AL CLIMATOLOGY BRANCH ETAC WFATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

		723865	STATIO	N NAME:							HONTH	: APR		~86 (LST):	0300-05	00
1*3	• • • • • •				• • • • • •	• • • • • • •			IN STAT			• • • • • • •			•••••	•••••
1	1 GE	GE	GE	GĘ	GE	GΕ	GE	GΞ	GE	GE	GE	GE	GE	GE	GE	GE
7	1 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
						• • • • • •	• • • • • •			• • • • • •	• • • • • •	• • • • • •		• • • • • •	• • • • • •	•••••
.t.IL	1 83.7	83.7	83.7	83.7	93.7	B3.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
senar	1 09.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	95.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
	1 92.0	92.0	92.C	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94 - 1	94.1	94.1	94.1	94.1	94.1
	1 96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
Lucus	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
6676	99.0	98.U	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.D	98.0	98.0	98.0	98.0
8030	1 43.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98•9	98.9	98.9	98.9	98.9	98.9	98.9
7000	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
60.00	1 99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
6000	1 99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
21 00	., ,,,,,	,, , ,	,,,,,	,,,,,		, , , , ,	,,,,,	,,,,,	,,	· · · ·		,,,,,	,,,	,,,,	****	,,,,,
2500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
2000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
1200	99.9	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	.99.9	100.0	100.0	100.0	100.0
10.10	1 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	93.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	77.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	103.0	100.0	100.0	100.0
531	1 77.9	77.7	77.7	77.7	77.7	77.7	7747	79.7	77.7	77.7	77.7	77.7	103.0	100.0	100.0	100.0
500	1 97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
40 f)	19.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100 • D
₹.J.C	99.5	99.9	99.0	9,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
232	99.9	99.9	99.5	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	107.0	100.0	100.0	100.0
100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	97.9	99.9	100.0	100.0	100.0	100.0
^	1 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人

AL WOMPER OF URSERVATIONS: 900

RAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FLIAC FROM HOURLY OBSERVATIONS
#IATHER SERVICE/MAC

これには、これには、これをおければあるのでは、これには、これには、これには、これをはないのでは、これには、これをはないのできない。

	NUMBER:	723865	STATIO	ON NAME:							MONTH	: APR		(LST):	0600-08	00
L I N is		• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •			IN STATE			• • • • • • •	• • • • • • •	•••••	•••••	•••••••
	t GE	G€	GŁ	6F	GŁ	GΕ	GŁ	GE	GE	GE	GŁ	GE	GE	GE	GE	GE
	10	6	5	4		2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • •
CEIL	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
	88.2	88.2	88.2	P8.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
18000		88 • 6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
	87.8	99.8	89.8	89.8	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
	97.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
12000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
10000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
	96.0	96.0	96 • D	96.4	96.0	96 • B	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96 • 2	96.2
	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
6000	99.4	78.6	98.7	98.7	98.7	98.7	95.7	78.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
5000	93.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
	78.9	99.U	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
3050	99.€	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.8	100.0	100.0
2500	1 99.C	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
1200	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
1000	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.0	79.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
600	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
รูบอ	99.0	99.3	99.7	99.8	99.R	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
430	90.0	99.3	99.7	99.8	99.8	95.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.0	79.3	99.7	99.8	99.F	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	106.0
	93.0	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
100	79.0	99.3	99.7	99.8	99.8	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
ر ،	99.0	99.3	99.7	99.8	99.A	99.8	99.8	99.9	99.9	99,9	97.9	99.9	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

	TION N	UMPER:	723865	STATI	ON NAME	: NELL	IS AFB	NV				PER100 Month	OF REC	ORD: 77	'-86 (LST):	0900-11	00
	LING	• • • • • •	• • • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • • •				UTE MIL		• • • • • • •	• • • • • • •		•••••	••••••
		GE	GE	GΕ	GF	GΕ	GΕ	GE	GE	GE	GE	GΕ	GE	GE	GΕ	GE	GE
		10	6	5			2 1/2		1 1/2		1			1/2	5/16	1/4	٥
		• • • • • • • • • • • • • • • • • • • •															
NO	CEIL !	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
	100002		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	180001		92.3 92.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
	16000[92.7	92.7	92.7 93.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	140J0 12000		93.7 94.9	93•7 94•9	93.7	94.9	93.7 94.9	93.7 94.9	93.7 94.9	93.7 94.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7
Gf	120001	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GΕ	100001	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
6 E	90001		96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
Gr	80001	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GΕ	7000]	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GF	6000)	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
																	· -
GΕ	5000		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
G E	4500		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
ьE	4000		99.9	99.9	100.0	100.0	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0
υĒ	350C		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CE	3000	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25001	c 2 "	99.9	99.9	100.0	140.0	100.0										
GE	2000		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 E	19001		99.9	99.9	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.u 100.0
G.E	1500		99.9	99.9	100.0	100.0	100.6	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE	12001		99.9	99.9	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0		100.0
				,,,,		10000			10000		100,0	10010	10000	100.0	100.0	100.0	100.0
GF	10001	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	9001	99.4	99.9	99.9	100.0	100.0	100.0		100.0	100.0	130.0	100.0	100.0	100.0	100.0		106.0
GE	20 C	97.4	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF	7001	90.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
C t	60Pl	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	
															-		
6E		99.4	99.9	99.9	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	100.0
υF		99.4	99.9	99.9	106.0	100.0	100.6		100.0			107.0	100.0	100.0	100.0	100.0	100.0
١F		99.4	99.9	99.9	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
1, 5		99.4	99.9	99.9	100.0	100.0	160.0				190.0		100.0	100.0	100.0		100.0
SE	1001	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
i, F		99.4	00.0	00.0	100.0	100 0	100.0	100.0	100 0	100.0							
	1''	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0					
				•••••													

PAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS HEATHER SERVICE/MAC

1.01	NUMBER:	723865	STATI	ON NAME:	NELL	.IS AFB	ΝV				PERIOD	OF REC	ORD: 77	-86			
ING	• • • • • • •	• • • • • •	• • • • • • •	GF		• • • • • • •	VISI	BILITY	IN STAT	UTE MIL	.ES	• • • • • • •		•••••	•••••	••••••	•
	l GΕ	GE	GE	GF	GE	GE	GE	GE	GΕ	GE	GΕ	GE	GE	GΕ	G€	6E	
		6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2		1/4	٥	
• • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • •	•••••	•••••	•••••	• • • • • • •	•••••		• • • • • • •	• • • • • • •	•••••	•••••	••••••	•
EETL	1 76.0	76.0	76.0	76.D	76.0	76.0	76.0	76.0	76.0	76 • D	76.0	76.D	76.0	76.0	76 • 0	76.0	
0000	1 88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
	1 69.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	49.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90 • 8	90.8	90.8	90.8	90.8	90.8	90.8	
	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
12000	1 95.0	95 • D	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
	96.1	96 • 1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96 • 1	96.1	96.1	96.1	96.1	96.1	96 • 1	
	97.2	97 • 2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2 98.3	97.2 98.3	97.2	
	1 98.2	98 • 3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3 98.4	98.4	98.4	98.3	
61761	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	78.4	70.4	98.4	98.4	
50ut	1 49.8	99.9	99.9	99.9	99.9	99.9			99.9	99.9	99.9	99.9	99.9	99.9		99.9	
	1 99.9	100.0	100.0	190.0						100.ú	100.0	iúu.u	100.0			100.0	
	1 99.9	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0		100.0	
	99.9	100.0	100.0	100.0	100.0		100.0		100.0		100.0	100.0	100.0	100.0			
3000	1 99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
			100.0					100.0				100.0		100.0		100.0	
		100.0	100.0			100.0				100.0		100.0	100.0	100.0		100.0	
		100.0	100.0			100.0				100.0		100.0		100.0		100.0	
		100.0	100.C	100.0		100.0				100.0		100.0	100.0	100.0		100.8	
1200	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
		100.0	100.0		100.0				100.0		100.0	100.0	100.0			100.0	
	1 93.0	100.0	100.0			100.0		100.0		100.0		100.0	100.0			100.0	
		100.0	100.0			100.0				100.0		100.0	100.0			100.0	
		100.0						100.0						100.0			
600	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
		100.0	100.G					100.0					100.0			100.0	
		100.6	100.0					100.0		170.0						100.0	
	99.4	100.0	100.0							100.0			100.0	100.0		100.0	
		130.0	100.0			100.6				100.0			100.0	100.0		100.0	
15	1 99.9	100.0	106.C	100.0	100.0	100.0	100,0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
,	1 49.9	100.0	100.0	100.0	1:9:6	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	•••••	•••••	•••••	•••••	•••••	• • • • • • •	• • • • • • •	•••••	•••••	•••••	• • • • • • •	•••••	•

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION A	UMBER:	723865	STATI								MONTH		HOURS	(LST):	1500-17	00	
CEILING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		BILITY				••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • •	•
IN I	GE 10	GE 6	6E 5	GF 4	GE 3	GE 2 1/2	GE	GE 1 1/2	GE	GE 1	GE 3/4	GE 5/8	GΕ 1/2	GE 5/16	GE 1/4	6E 0	
*******										• • • • • • •							
NO CEIL I	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	
GE 20000	87.D	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
GE 18000		88.0	88.1	88.1	88.1	88.1	88.1	88.1	a8 • 1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	
GE 16000		99.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
6E 14000		92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
6E 12000	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
GF 100001	9 u . R	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
GE 400001		95.9	96.0	96.0	96 • D	96.0	96 • D	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
	97.8	97.9	98.C	98.0	98.0	98.0	98.0	98.0	98.0	98.D	98.0	98.0	98.0	98.0	98.0	98.0	
GE 70001	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
GE 60001	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
GE SCOOL	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.C	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 45001	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
SE 40001	99.R	99.9	100.0	10C.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	
6E 3501	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 3000	99.8	99.9	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
														100.D	100.0	100.4	
	99.8 99.8	99.9 99.9	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0 100.0	100.0	100.0	100.0	
	99.8	99.9	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	1,0.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0	
	99.8	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	-						• • • • •			•	•				-		
6E 1000	99.8	99.9	100.G	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	99.8	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	99.5	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	79.8	99.9	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 6001	99.8	99.9	100.0	100.0	100.€	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF SOCI	97.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0	
	97.8	99.9	100.0	106.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	99.8	99.9	100.0	106.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	97.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	
6E CI	99.8	99.9	100.0	100.0				100.0								100.0	

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STA	TION N	UMBER:	723865	STATI	ON NAME:	NELL	IS AFB	Ny				PERIOD	OF REC	ORD: 77	-86		
												MONTH	: APR	HOURS	(LST):	1800-20	Q O
											• • • • • •		• • • • • •			• • • • • •	• • • • • • • • • • •
	LING									IN STAT							
1		GE	GE	33	GF	GE	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	_	1 1/2		1		5/8	1/2	5/16	1/4	0
• • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
															•••		
r. O	CEIL	80.1	80.1	80.2	8 G • 2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
~ 5	200001		89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	180001		89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	167001		90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	140001		94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	120001		95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
						• .											
GE	100001	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96 - 1	96.1	96.1	96.1
68	90001	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE	8000	98.3	98 • 3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
υE	7000)	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
6 8	6000)	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	59.8	97.8	99.8	99.8	99.8	99.8	99.8
	5000		99.9	100.0	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0
65	450 C			100.0	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0
GΕ	40001		99.9	100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
GE	3500				100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	
GΕ	3000	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	35001			100 0	100.0	*00.0	100.0	100.0	100 0	1 .0 0	100 0						100 0
GE GF	250 a l 200 a l				196.0 190.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0
6 E	18001				100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	
6 F.					100.0	100.0	100.0	100.0		100.0					100.0	100.0	
G.E				100.0		100.0	100.0			100.0							
0.	12001	7,47	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	140.0	100.0
GE	10001	93.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
GE		99.9			100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0	1.0.0	100.0
G F		99.9			100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	
(F		99.9		100.0		100.0	100.0	100.0		100.0		107.0	100.0	100.0	100.0	100.0	
65		99.9		100.6		103.0		100.0		160.0				100.0		100.0	
								,									
5 F.		39.9	79.9	100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6.	437	47.9	99.9	100.0	100.0	100.6	100.0	100.0		160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υF	350	99.9				169.0	100.0			160.0				100.0	100.0	100.0	100.0
F را		79.0		100.0		100.6	100.0			140.0		100.0		100.0		100.0	
6 F	100]	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.0	100.0	100.0

5F ~| 97.9 99.9 10m.C 10C.0 10m.C 1nc.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

は 100mm 1

AL CLIMATOLOGY BRANCH ETAC WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

10N N		723865	STATI	ON NAME			-				PERIOC Month			'-86 (LST):	2160-23	300
ING				•••••				BILITY					• • • • • •	•••••		•••••
T	5E	GE 6	GE 5	G.E.	GE 3	GE 2 1/2	GE	GE 1 1/2	GE	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	6E 0
ETL	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
00001 80001 60001 40001	92.6 93.3 95.9	91.8 92.6 93.3 95.9	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.3	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0	91.9 92.7 93.4 96.0
.2000) .0000(9000) 8000)	97.6 97.9	97.1 97.6 97.9 98.4	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 98.0 98.6	97.2 97.7 96.0 98.6
70001 60001 50001	99.C	98.6 99.0	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1
45001 40001 35001 30001	99.7 99.7 99.7	99.9 99.9 99.9	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 160.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 200.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0
2500 2000 1800 1500 1200	99.7 99.7 99.7	79.9 79.9 99.9 99.9	100.6 100.6 100.6 100.6	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	107.0 107.0 107.0 107.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0
1008 1007	99.7 99.7 99.7 99.7 99.7	99.9 99.9 99.9 97.9	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 160.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0
40 n) 30 n) 20 n) 20 n) 10 n)	99.7 99.7 99.7 99.7 99.7	99.9 99.9 99.9 99.9	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	107.0 100.0 100.0 107.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0	100.0 100.0 100.0 100.0

L NUMBER OF OBSERVATIONS:

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CLIMATOLOGY BRANCH

I NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: APR HOURS(LST):

THER SERVICE/MAC

; • • ;	• • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •		BILITY			F 5	• • • • • • •	• • • • • • •	• • • • • • •	•••••	••••••
1	GŁ	GΕ	GE	GE	GE	GE		GE	GE	GE	GΕ	GE	GE	GE	GE	6E
1	19	6	5	4		2 1/2		1 1/2		1		5/8	1/2	5/16	1/4	۵
												••••				
L	80.7	83.7	80.7	8 C . 7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
001	89.7	89.8	89.8	89.8	89.8	5 y . 8	89.8	89.8	49.8	89.8	89.8	89.8	89 . 8	89.8	89.8	89.8
	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	91.4	51.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
301	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.1	98.1	99.1	98.1	98 • 2	98 • 2	98.2	98.2
	93.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
.a.c.l	99.0	99.1	99.1	9.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.7	77.9	99.9	99.9
	93.6	99.8	99.8	99.9	99.0	99.9	99.9	99.9	99.9	99.9	97.9	99.9	99.9	99.9	99.9	99.9
וחני	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	99.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.8	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0
,011	99.7	99.8	99.9	106.3	100.0	100.0	100.0	100.6	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.8	99.9	190.6	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	90.7	99.8	99.9	196.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.8	99.9	100.0	160.0	100.0	100.0	100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0	1 40 • 0	106.0
. 5 1	99.7	99.8	99.9	100.0	100.0	0.001	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.7	99.8	99.9	100.0	100.0	106.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	130.0	100.0
	y9.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	140.0	100.0
	99.7	79.8	99.9	106.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0
	99.7	99.8	99.9	100.0	160.0	100.0	100.0	100.0	1.0.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
.601	99.7	99.8	99.9	100.3	100.0	100.0	100.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
۲۱	99.7	79.8	99.5	106.5	130.0	100.0	100.0	100.5	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •

NUMBER OF ORSERVATIONS: 7700

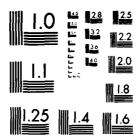
ELIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

ITHER SERVICE/MAC

				ON NAME							PERIOD	OF REC	ORD: 77 HOURS	-86 (LST):		00
,	• • • • • •	• • • • • • •		• • • • • • •	• • • • • • •	•••••	V 15 1		IN STAT							
	GE	GE	GE	GE	GE	GÉ	GE	GE	GE	GE	GE		GΕ	GE	G€	G€
	10	6	- 5	4		2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
																• • • • • • • • • •
										07.5	07.5		87.5	87.5	87.5	87.5
	07.4	87.4	87.5	97.5	87.5	87.5	87.5	87.5	07.5	87.5	87.5	8 .5	01.0	01.5	0143	01.0
	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
	92.8	92.8	92.9	92.4	92.9	92.9	92.9	92.9	45.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	04.6	\$ 1.6	94.6	94.6	94.6	94.6	94.6
۱^ د	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
ant	97.7	27.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
Sei	78.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
uri	99.9	98.9	99.0	99.0	99.0	99.C	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
39Î	98.9	98.9	99.(99.0	99.0	99.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
301	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
ant	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	49.8	99.8	97.8	99.8	99.8	99.8	99.8	99.8
	99.4	99.7	99.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	97.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	105.0	100.0	199.0	100.0	100.0	100.0
	49.6	39.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
, ~ ,	99.6	99.9	100.C	106.5	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	19.6	9.9	100.C	100.6	100.6	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
	99.6	99.9	100.0		100.0	100.0	100.0		136.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	47.6	99.9	100.C		100.0	100.6	100.0		100.0		160.0	100.0		100.0		100.0
	99.6	99.9	100.0		100.0	100.0	100.0		100.0		100.0	100.0		100.0		100.0
101	99.6	99.9	100.0	100.0	160.0	100.6	100.0	100.6	130.0	100.0	100.0	100.0	100 0	100-0	100.0	100.0
	99.6		100.0		100.0	100.0	100.0				100.0	100.0		100.0	100.0	100.0
	97.6	99.9	100.0		100.0	170.6	160.0		100.0		100.0	100.0	100.0	100.0	140.0	100.0
	99.6	99.9	100.0		100.0	100.0	100.0		140.0	100.0	100.0	100.0		100.0	100.0	100.0
	33.6	99.9	100.0		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
971	,,,,	77.9	105.0	100.0	100.0	100,0	100 11	100.0	100.0	10000	10.1.0	100.0	100.0	11.0.00		100.0
un!	99.6	99.9	100.0	100.0	169.0	100.0			140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
201	77.5	99.9	100.0	10-J	100.3	190.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
351	99.6	79.4	100.0	100.0	160.0	100.0	100.0	100.0	109.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.6	99.9	100.0	100.0	109.C	176.6	100.0	136.6	1.0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
JCI	93.6	79.9	100.0	100.0	100.0	100.0	100.0	107.0	1.0.0	100.0	100.0	100.0	100.0	100.0	130.0	106.0
21	90.6	99.9	100.0	176.3	100.0	190.6	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

AD-A175 365 3/4 UNCLASSIFIED



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 146: A

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: MAY HOURS(LST): 0300-0500 VISIBILITY IN STATUTE MILES CEILING GE IN | FEET | GE 3 2 1/2 2 1 1/2 1 1/4 4 5/16 1/4 Ō 10 6 5 1 3/8 5/8 1/2 NO CEIL | 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 04.7 84.7 84.7 84.7 84.7 84.7 84.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 GE 200001 88.7 88.7 88.7 88.7 88.7 GE 18000 89.0 89.0 89.4 89.0 89.0 89.0 89.0 09.0 89.0 89.0 89.0 89.8 89.0 89.0 89.0 89.0 89.8 89.8 92.3 89.8 92.3 89.8 89.8 92.3 69.8 89.6 89.8 89.8 GE 160001 89.8 99.8 89.8 89.8 89.8 89.8 92.3 GE 140001 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 GE 12000| 94.8 94.8 96.9 97.4 98.3 96.9 97.4 96.9 97.4 96.9 96.9 96.9 97.4 96.9 96.9 97.4 96.9 97.4 GE 1000Cl 96.9 96.9 96.9 96.9 96.9 97.4 98.3 97.4 .97.4 GΕ 90001 97.4 97.4 80001 98.3 98.3 98.3 96.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.5 99.1 98.5 98.5 98.5 98.5 700 cl 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 38 60001 99.1 99.1 99.1 99.1 500 nl 99.4 99.6 99.6 99.6 99.6 GE 45001 99.4 40001 99.7 99.6 99.6 100.0 99.6 99.6 99.6 100.0 99.6 100.0 99.6 1u0.0 99.6 99.6 99.6 4.00 99.6 99.6 4.00 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 35001 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 30001 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 25001 99.7 100.0 100 a.C. 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2000| 99.7 1800| 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 100.6 100.0 15001 100.0 12001 99.7 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10001 99.7 100.0 GE 100.0 100.0 100.0 100.G 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 9301 99.7 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 8001 99.7 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7301 99.7 GF 100.0 100.0 190.0 100.0 100.0 100.0 100.0 140.0 100.0 5001 99.7 100.0 100.0 100.6 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 40F1 99.7 30F1 99.7 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 200 99.7 100.0 100.0 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 10Cl 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 01 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF DISERVATIONS:

930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 MONTH: MAY HOURS(LST): 0600-0800 CEILING VISIBILITY IN STATUTE MILES 6 F 4 GE GE GE 2 1 1/2 1 1/4 GE G IN | FEET | | GŁ GE GE GE GE 6E GE GE 1/4 1/2 5/16 5/8 3 2 1/2 1 3/4 10 6 5 NO CEIL | 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 83.4 93.4 83.4 83.4 83.4 83.4 83.4 83.4 90.1 90.9 91.5 90.1 90.1 90.9 91.5 90.1 90.9 91.5 96.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 GE 2000CL 90.1 90.9 90.9 90.9 91.5 90.9 90.9 90.9 90.9 18000 90.9 90.9 90.9 90.9 90.9 96.9 91.5 91.5 91.5 91.5 GE 160001 91.5 91.5 91.5 93.8 93.8 93.8 8.79 93.8 93.8 93.8 93.8 91.8 95.3 95.3 GE 120001 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 97.0 97.0 97.2 98.7 97.0 97.2 98.7 97.0 97.0 97.0 97.0 GE 1000CL 97.0 97.0 97.0 97.0 97.0 97.0 97.D 97.0 97.0 90utl 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97.2 98.7 97.2 ЬF GE 80001 98.7 70001 98.8 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 GE 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 50001 99.4 99.5 99.5 99.5 99.5 9.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 GE 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 ĿΕ 45001 99.4 99.5 99.5 4000 99.6 3500 99.6 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.D GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2000 99.6 99.8 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 GE 100.0 99.8 1500l 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 12001 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 10001 99.6 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 9001 99.6 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 GF 99.8 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 7001 97.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 100.0 100.0 100.0 160.0 100.0 G 6001 99.6 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6F 5001 99.6 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4501 99.6 99.8 100.0 100.0 GF. 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 3001 99.6 99.8 100.0 100.6 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 GE 2001 99.6 99.8 100.0 106.3 100.0 106.6 100.0 100.0 100.0 100.0 100.0 100.n 100.0 CI 99.6 99.8 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86

51	AILO	ии	OWRF#:	152802	PINIT	ON NAME:	NELL	. 15 AF D	NA				PENTOD	OF REL	UKU: //	-80		
																	0900-11	.00
			• • • • • •	• • • • • •	• • • • • • •	••••••	• • • • • •	•••••			IN STAT			•••••	• • • • • •	•••••	• • • • • • •	• • • • • • • • •
	ILIN			GΕ	GE	GE	G£	GE		GE	GE	GE	GE	GE	G€	GE	GE	GE
	IN Eet		GE	6	5			2 1/2		1 1/2		1		5/8	1/2	5/16	1/4	9.
			10		9	•	3						3/ 4	37 6	1,2	3716	1/4	•
• •	••••	• • •	• • • • • •	• • • • • • •	• • • • • • •			• • • • • • •	• • • • • •	•••••		• • • • • • •	• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
					07 -	0.7.7		07.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	63.2
NO	CEI	L 1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	63.2	63.2	63.2	63.2	83.2	63.4
						•••				60.0		00.0		90.9	90.9	90.9	90.9	90.9
			97.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9					
			92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
			93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
			94.8	74.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE	120	001	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
					97.6		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
			97.5	97.6		97.6			97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
			97.7	97.8	97.8	97.8	97.8	97.8		98.6						98.6		98.6
			98.4	98.6	98.6	98.6	98.6	98.6	98.6		98.6	98.6 98.8	98.6 98.8	98.6 98.8	98.6	98.8	98.6	96.8
			98.6	98.8	98.8	98.8	98.8	98 • 8	98.8	98.6	98.8				98.8		98.8	
GE	60	301	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
6.5	5.0	nni	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
			99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
			99.4	99.8	99.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
			99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE			99.6	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UE	3.		77.0	100.0	100.0	100.0	100.0	100.0	10010	10010	100.0	10000	10310	100.0	100.0	100.0	10010	100.0
G F.	25	ant	97.6	160.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			99.6	100.0	100.C		100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.4
ĞĒ			99.6	100.0	100.0	106.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			99.6	100.0	100.0		100.0	100.0	100.0				100.0	100.0	100.0	100.0	100.0	100.0
GF				100.0	100.0		100.0	100.0			100.0			100.0	100.0	100.0	100.0	100.0
		• •					• • • • •									•		
GE	10	o e I	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE	9	130	99.6	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	R	וייט	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	7	Jol	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0
GE	6	וחנ	99.6	100.0	100.0	104.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 E				100.0	100.0		100.0				146.3				100.0	100.0	100.0	100.0
GE					100.0		100.0				107.0						100.0	100.0
GE				100.0			100.0	100.0			100.0			100.0	130.0	100.0	100.0	100.0
G€	2	001	90.6	100.0	100.6		100.0				100.0				100.0	100.0	100.0	100.0
ĢF	1	001	99.6	100.0	100.0	190.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0
6 E			99.6	100.0	100.0	106.0	100.0	100.0	100.7	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
• •	• • • •	• • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 MONTH: MAY HOURS(LST): 1200-1400

												non		.,,,,,		****	-
	LING							WICT	B 11 1 T V	IN STAT	LITE MIL	F 5					
														GE	úΕ		6E
		GE	GE	GE	GE	GΕ	GΕ	GE	GΞ	ĢE	GE	GE	GE			GE	
FE	ET 1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	۵
							-	_									
• • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		• • • • • • • •							
N O	CEIL I	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
		,		•													
GE	200001	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE	180001	90.4	90.5	90.7	90.7	90.7	96.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
	160001		90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
													92.2				
	14000		92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2		92.2	92.2	92.2	92.2
G F	120001	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
														97.1	97.1		
GE	100001	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1			97.1	97.1
GΕ	90001	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	80001		98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
											98.8	98.8	98.8	98.8	98.8	98.8	98.8
G E.	7000}		98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8							
GE	6010	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
											100.0	100.0	100.0	100.0	100.0	100.0	100.0
Œ	5000		99.8	100.0	100.0	160.0	100.0	100.0	100.0	100.0							
GE	450 n l	99.6	99.8	100.0	100.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E	40001	99.6	99.8	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE	3500		99.8														
GE	3000	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25001	00 4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-																	
GE	2000	99.6	99.8	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	18001	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.001	100.0	100.0	100.0	100.0
6 F	15001	99.4	99.8	100.0	100.0	107.0	100.0	100.0	100.0	168.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
_										100.0		107.0		100.0	100.0	100.0	100.0
GE	1200	44.0	99.6	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	1000	10040	100+0	100+0	100.0	100.0
GE	10001	4.00	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
G F.		99.6	99.8	100.€	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G F.	8001	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
üΕ	7001	99.f	99.8	100.C	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.6	100.0	100.0	100.0	100.0
GE	40.01	99.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	180.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ur.	97.1	44.0	77.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10010	100.0	10010
GE	5001	99.6	99.8	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.0	100.0	100.0	100.0	100.0
GE		97.6	99.8	100.0	100.0	130.0	100.6	100.0	100.0		100.0	100.0		100.0		100.0	100.0
6 F.		99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 E	ורטב	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0
bΕ		29.6	99.8	130.0	100.0	100.0	100.0			130.0			100.0	100.0	100.0	1 40 . 0	100.0
UL	1001	,	77.6	20000			******	20040	- 00 - 0	100 0		100.0	20044	.00.0		- 00-0	
GF	31	99.6	99.8	100.0	170.0	100.0	130.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREGUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUDLY OBSERVATIONS

		-	723865									PERIOD MONTH	OF REC	ORD: 77	(LST):	1500-17	
	ILING		• • • • • • •	•••••	• • • • • • •	• • • • • • •	******	VISI	BILITY	IN STAT	UTE MIL	.ES	•••••	• • • • • • •	• • • • • • •	• • • • • • •	••••••
F	EET 1		GE 6	GE 5	GE 4	GE 3	2 1/2	GE	6 [£] 1 1/2	GE 1 1/4	GE 1			1/2	6E 5/16	GE 1/4	0 6E
NO.	CEIL I	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
4E	200001	69.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	68.7	88.7	86.7	88.7	86.7	88.7
GE	180001	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	16000		89.6	89.6	89.6	89.7	89.7	89.7	89.7	69.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	140001		91.B	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE	15000[94.2	94 • 2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
ĢΕ	ורפחפנ	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
ĢΕ	90001	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GΕ	80001	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
6 F	70001	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
6 F	60001	79.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	snual	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	45001	99.8	99.9	99.9	99.9	100.0	100.0	100.0		100.0					100.0		100.0
GF	4000	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0			100.0		100.0	100.0		100.0
G F.	35001	99.8	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	30001	99•B	39.9	99.9	99.9	100.0	100.0	100.0		100.0				100.0	100.0		100.0
GE	25001	99.8	99.9	99.9	99.9	100.0	100.0	100.0	מ בתתנ	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0
6 F	20001		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	12001		99.9	99.9	99.9	100.0	100.0	100.0		100.0							100.0
Gέ	15001		99.9	99.9	99.9	100.0	100.0	100.0		100.0			100.0	100.0			100.0
GE	12001		99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0		100.0		100.0		100.0
G€	10001	49.8	99.9	99.9	99.9	100.0	100.6	100.0	100-0	140.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0
GE		99.8	99.9	99.9	99.9	100.0	100.0	100.0		100.0				100.0	100.0	100.0	
GÉ		99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0		100.0		100.0
GF		99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0			100.0					100.0
GΕ		99.8	99.9	99.9	99.9	100.0	100.6		100.0			100.0				100.0	
GE	5001	93.8	99.9	99.9	99.9	100.0	100.0	180.0	100-0	lun.n	100.0	100.0	100.0	100.0	100.0	100.0	10n.o
GE		90.0	99.9	99.9	99.9	100.0	100.0	100.0		100.0				100.0	100.0	100.0	100.0
GE		97.8	99.9	99.9	99.9	100.0				100.0			100.0	100.0			100.0
GF		97.A	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.8	99.9	99.5		100.C		100.0		100.0			100.0	100.0	100.0		100.0
G.E.	ci	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 HONTH: MAY HOURS (LST): 1800-2000 CEILING VISIBILITY IN STATUTE HILES GE 1 IN 1 GE 6 GŁ GE 5 ĢF GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE 6E GE GE GΕ 3/4 5/8 1/2 5/16 o 10 NO CEIL | 82.0 82.1 82.2 82.2 82.2 82.2 82.2 82.2 82.2 82.2 82.2 82.2 82.2 82.2 82.2 82.2 91.1 91.5 91.9 93.8 91.1 91.5 91.1 91.5 GE 200001 90.9 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.1 91.5 91.9 91.5 91.9 93.8 GE 18000| 91.3 GE 16000| 91.7 GE 14000| 93.5 91.5 91.4 91.8 91.5 91.9 91.5 91.9 91.5 91.5 91.9 91.5 91.5 91.5 91.5 91.9 91.9 91.9 91.9 91.9 91.9 91.9 91.9 93.6 93.8 93.8 93.8 93.8 93.8 93.R 93.8 93.8 93.8 93.8 GE 100001 96.6 97.C 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97.0 96.8 97.0 9000| 96.7 8000| 98.2 96.9 98.5 97.1 98.7 97.1 98.7 97.1 98.7 97.1 98.7 97 • 1 98 • 7 97.1 98.7 97.1 98.7 97.1 98.7 97.1 98.7 97.1 98.7 97 • 1 98 • 7 97.1 98.7 97.1 98.7 97.1 98.7 GE GF GΕ 70001 98.4 98.7 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.8 99.8 60001 99.1 99.8 99.8 99.8 99.6 99.8 99.8 5000| 99.4 4500| 99.4 4000| 99.4 100.0 100-0 100.0 100.0 100.0 6E 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 GE GE 100.0 6 E 30001 99.4 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 25001 99.4 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 20001 99.4 100.0 100.0 БE 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF. 1800| 99.4 1500| 99.4 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 104.0 100.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.4 100.0 100.0 100.0 100.0 140.0 100.0 103.0 100.0 100.0 100.0 100.0 100.0 10001 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 907| 99.4 800| 99.4 100.0 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 υE 7001 99.4 99.8 100.0 100.0 100.0 100.0 100.0 100.0 1 40 - 0 100.0 100-0 100.0 100.0 170.0 100.0 100.0 79.8 100.0 100.0 100.0 100.0 100.0 1410.0 100.0 100.0 100.0 100.0 100.0 100.0 5001 99.4 106.0 99.8 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100 · n 430| 99.4 300| 99.4 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 100.7 100 · G 130.0 190.0 100.0 100.0 100.0 1.0.0 100.0 2001 95.4 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 1101 99.4 99.8 109.0 10C-0 100.0 100.0 100.0 100.0 140.0 100.0 100-0 100.0 100.0 100.0 100.0 G.F rl 99.4 99.8 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF UCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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1	STA	TION	N	UMRER:	723865	STATI	ON NAME:	NELL	IS AFB	NV				PERIOD	OF REC	ORD: 77		2100-23	00
١.																			
(CEI	LING									BILITY	IN STAT	UTE MIL	ES					
	ľ	N	- 1	GE	GE	GŁ	GE				GE	GE	GE	GE	GE	GE	GE	GE	GE
	FE	ΕT	- 1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
•		• • • •	• • •		• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • •	• • • • • • •		• • • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • •
•																			
•	N 0	CEIL	. 1	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
	_																		
				93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1		93.1	93.1	93.1	93.1	93.1	93.1	93.1
				93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
				93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
				94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
,	at.	1200	101	96.3	96.5	96.5	96.5	96.5	96 • 5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
	c r			96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97 • D	97.0	97.0	97.0	97.0	97.0	97.0
				97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4		97.4	97.4	97.4	97.4	97.4	97.4	97.4
	ot. GE			99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
				99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
				99.7	99.9	100.0		100.0				100.0						100.0	100.0
,	3 1	6110	, or	77.1	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100+0	100.0	100+0	100.0	100.0	100.0
	ьF	500	101	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	106.0
	iΕ			99.7	99.9	100.0		100.0				100.0				100.0	100.0	100.0	100.0
	jΕ	400	οi	99.7	99.9	100.0		100.0				100.0					100.0	100.0	
	, F			99.7	99.9	100.0		100.0				100.0				100.0	100.0	100.0	
	, F			99.7	99.9	100.0						100.0					100.0	100.0	
			•																
(ıΕ	250	LO.	99.7	99.9	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(J.F	200	ni.	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(; F	183	ηt	97.7	99.9	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(, F	150	10	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
į	ۍ د	120	C	99.7	99.9	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0
	5 .			99.7	99.9	100.6		160.0				100.0						100.0	
	ĿΕ			99.7		100.0		100.0					100.0		100.0	100.0	100.0	100.0	100.0
	j F			99.7	99.9	100.0		100.0	100.0			100.3			100.0	100.0	100.0	100.0	100.0
) È			99.7	99.9	100.0		160.0	100.0			100.0						100.0	100.0
(5	63	1.	99.7	79.9	100.C	100.0	100.0	100.6	160.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	-																		
	, F			99.7	79.9	100.6		100.0				100.0						100.0	
	-			99.7	99.9			100.0				100.0						100.0	
	,F			90.7	99.9	100.0		100.0				100.0						100.0	
	-			99.7	30.9	100.0		160.0				100.0				100.0		100.0	
	, F	13	F 1	99.7	9.9	100.0	100.0	169.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
	, (n t	99.7	9.00	100.0	100.0	100.0	100.0	165.0	100.0	1.in.n	100 0	100.0	100.0	100.0	100 0	100.0	100 0
					7707	10010	******	10010		*****	10000	1004(10000	10000	100.0	100.00	100.0	100.0	
		•		• •									• • • • •						

PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86
MONTH: MAY HOURS(LST): VISIBILITY IN STATUTE MILES
GE GE GE GE GE GE GE
4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 CEILING IN | GE FEET | 11 GE E GE 5 GΕ 5/8 1/2 5/16 10 1/4 n 83.3 NO CEIL | 83.2 83.2 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 83.3 GE 20000| 90.3 GE 18000| 91.1 GE 16000| 91.5 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 91.1 91.2 91.2 91.2 91.2 91.7 91.2 91.7 91.2 91.7 91.2 91.7 91.2 91.7 91.2 91.7 91.2 91.7 91.2 91.7 91.2 91.7 91.2 91.7 91.2 91.6 93.5 65 120JOL 95.4 95.4 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 GF 10000| 96.9 GE 9000| 97.2 GE 8000| 98.5 GE 7000| 98.7 97.1 97.4 98.7 98.9 97.1 97.4 98.7 98.9 97.1 97.4 98.7 98.9 97.1 97.4 98.7 98.9 97.1 97.4 97.1 97.4 97.0 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.4 97.4 97.4 97.4 97.4 97.4 97.3 97.4 97.4 98.7 97.4 98.7 98.7 98.9 98.7 98.6 98.7 98.7 98.7 98.9 98.9 98.8 98.9 98.9 98.9 98.9 98.9 99.5 60001 99.2 99.5 99.5 99.7 99.7 99.9 99.8 99.8 100.0 50001 99.5 99.8 99.8 99.8 99.8 G E 4500 99.5 4000 99.6 99.8 100.0 99.8 99.8 99.8 100.0 99.8 99.8 99.8 99.8 99.8 99.A 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 68 35001 99.6 99.9 100.6 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 25001 99.6 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 2000 99.6 1800 99.6 99.9 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.6 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 15401 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.0 G.F 12001 99.6 39.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 icacl 79.6 79.9 100.0 GE 100.C 100.0 120.0 100.0 100+0 1.0.0 100.0 100.0 100.6 100.0 100.0 100.0 106.0 9001 99.6 8001 99.6 66 100.0 100.0 100.0 100.0 107.0 100.D 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 99.9 100.0 G.F 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 700 99.6 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 6001 19.6 100.0 100.0 100.0 5001 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4UE 99.6 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 2001 99.6 99.9 100.0 176.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 E 1001 99.6 100.0 100.0 100.0 100.0 100.0 100.3 100.0 100.0 160.0 100.0 100.0 99-9 100-0 104-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 GE 01 99.6

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200 VISIBILITY IN STATUTE MILES CEILING GF GE GE 4 3 2 1/2 CEILING IN | GE FEET | 10 GE GE GE 2 1 1/2 1 1/4 GE 1 GE 6 -5 1/2 5/16 ā 3/4 5/8 1/4 92.6 92.6 NO CEIL | 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 GF 2000C1 94.4 94.4 94.7 95.7 97.9 GE 180001 94.7 GE 160001 95.7 94.7 94.7 95.7 94.7 94.7 95.7 94.7 94.7 94.7 95.7 94.7 95.7 94.7 95.7 94.7 95.1 94.7 95.7 94.7 95.7 94.7 95.7 94.7 95.7 140001 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 97.9 GF 120001 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 100001 99.8 90001 99.8 80001 99.9 70001 99.9 GE 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 60001 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5000] 99.9 4500] 99.9 4000] 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.U 100.0 100.0 100.0 GF 100.0 GF 3500 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 25001 99.9 100.0 100.0 100.0 100.0 űΕ 100.0 100.6 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 2000 99.9 1800 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 130.0 100.0 100.0 100.0 100.0 100.0 G F 15001 9949 120-0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 12001 99.9 100.0 100.0 100.0 100.0 10C.D 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10001 97.9 G F 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 9001 99.9 8001 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 (, F 100.0 100.0 106.0 100.0 GE 6001 99.9 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF Fact 99.9 100.0 100.6 100.0 140.0 100.0 4001 99.2 G F 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 Tan-D 100.0 300| 99.9 200| 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 68 100.0 100.0 100.0 100.0 100.0 100.0 190.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ri 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 G.F.

TOTAL NUMBER OF GREENVATIONS: 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER						NV				PERIOD MONTH		HOURS	(LST):		00
CEILING	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		BILITY				•••••	• • • • • •	• • • • • • •		• • • • • • • • • • • • • • • • • • • •
IN I GE	GE	GE	66	GΕ	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE
FEET 1 10		5	4	3			1 1/2		1		5/8	1/2	5/16	1/4	a
					•••••							• • • • • • •			
NO CEIL 89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 200001 93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 180001 93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 167001 95.2		95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GF 140201 96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
0.86 DD021 39	98.6	98.6	96.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100001 49.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GF 9050 100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0	100.0
6F 80001100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G: 6000 160.0	100.0	106.0	106.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.D
6E 50601103.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100 0	107.0	100.0	100.0	100.0	100.0	100.0
65 45J0 1J0.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
65 4000 100.0	100.0	100.0	106.0	100.0	106.0		100.0			100.0	100.0		100.0	100.0	100.0
SE 35001100.0	100.6	100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0		100.0	100.0	100.0
GE 30001100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 25001160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0
65 2000 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
G5 18001100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
65 15001100.0	100.0	100.0	106.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E 1200 100.0	100.0	100.D	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66 10001100.0	100.0	100.0	100.0	160.0	100.6	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65 938 160.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF 800 100.0	100.0	100.6	100.0	100.0	100.6	160.0		100.0		100.0	100.p	100.0	100.0	100.0	100.0
65 7001100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
6E 6081109.8	170.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
e roaling	100 0	100.5	100.0		100.0		100 :	•							•===
65 5001180.0 65 4001180.0	100.0 106.0	100.0	100.0 106.0	100.0 100.0	100.0	100.0		160.0		100.0	100.0	100.0	100.0	100.0	100.0
6E 3371107.0	100.0	100.0	106.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0 100.0
6F 20011U0.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
6F 100 160.0	100.0	100.0		160.0	100.0	100.0		140.0		100.0			100.0	100.0	100.0
0. 1001100.0	10000	10010	1 0.00	10.710	10010	10010	100.0	100.0	100.0	10040		100.0	100.0	10010	1000
GE 7 1 100.0	100.0	100.0	100.0	109.0	100.0	160.0	100.0	100.0	100 • C	107.0	100.0	100.0	100.0	160.0	100.0

PERCENTAGE FREQUENCY OF UCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

Ä., .,

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 MONTH: JUN HOURS(LST): 0600-0800 VISIBILITY IN STATUTE MILES CEILING IN | GE FEET | 10 GE 4 GE GE GE 2 1 1/2 1 1/4 GE GΕ GE GE GE 3 2 1/2 1 1/4 5 5/16 ۵ 10 6 3/4 5/8 1/2 87.9 87.9 87.9 67.9 87.9 87.9 87.9 87.9 67.9 87.9 NO CEIL | 87.9 87.9 87.9 87.9 GE 200001 93.2 GE 180001 93.4 GE 160001 94.6 93.2 93.4 94.6 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.2 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 94.6 93.4 93.4 97.4 14000| 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 98.9 98.9 98.9 98.9 GE 120001 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98 . 9 98.9 98.9 100001 99.4 99.4 99.4 99.8 99.4 99.8 99.4 99.4 99.8 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.9 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 100.0 8000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7000 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 60001100.0 100.0 100.0 100.0 50001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.8 100.0 100.0 GE 4500[100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 180.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 40001100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 350 cl toc. o 100.0 100-0 100-0 100-0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 3860|100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 GE GF 25001100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.5 100.0 100.0 100.0 100-0 100.0 100.0 100.0 2000|100.0 1800|100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.C 100.0 100.0 100.C 100.0 100.0 100.0 130.0 100.0 G٤ 100.0 100.0 100.0 100.0 100.0 15001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ЬE 12001100.0 100.0 100.0 100.0 100.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10001100.0 GE GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 102.0 100.0 100.0 100.0 100.0 100.0 100.0 930|100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 8001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 700 100.C 170.0 100.C 100.0 160.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 65 6001100.0 100.0 100.0 160-0 100.0 GE 4001100.C 170.0 100.0 100.0 166.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.U 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 2001100.0 . uu . C 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001160.n 100.0 100.0 100.0 100.0 100.0 120.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 C1100.C 100.0 100.0 100.C 100.C 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

214	11011 14	Unber.	123003	31411	DIE HEATTE.		13 7.5					MONTH	: JUN	HOURS		0900-11	00
																	• • • • • • • • • • •
	LING						GE	V 1 5 1	BILITY	IN STAT	UTE MIL	ES					
I	N I		GΕ	GE						GE		GΕ		GE	GE	GE	GĒ
	ET I						2 1/2					3/4		1/2	5/16	1/4	٥
					• • • • • • •		• • • • • •				• • • • • •				• • • • • •	• • • • • •	• • • • • • • • • •
NO.	CETL	88.0	98.0	88.0	₽ 6 . G	68.0	88.0	88.0	88.0	88.0	88.D	88.0	88.0	88.0	88.0	88.0	88.0
GE	200001	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	1900001		94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	160001		96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	140001		97.7	97.7	97.7	97.8	97.8	97.8	97.5	97.8	97.8	97.8	97.8	97.8	97.B	97.8	97.8
65	120001	98.6	98.6	98.€	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	100001		99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	9000		99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	80301		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
	10001		99.9	99.9	99.9	100.0	100.0	100.0		100.0				100.0	100.0		100.0
GΞ	900L	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
G E	50001		99.9	99.9	99.9	100.C	100.0	100.0		100.0				100.0		100.0	
GE	45011		99.9	99.9	99.9	160.0	100.0	100.0		140.0			100.0	100.0	100.0	1.0.0	
65	4000		99.9	99.9	99.9	100.0	100.0			100.0			100.0		100.0		100.0
ĿΕ	35301		99.9	99.9	99.9	103.0	100.0			100.0					100.0	140.0	
G.F.	3000	99.9	99.9	99.9	95.9	100.0	100.0	100.7	100.0	140.0	100.0	100.0	100.0	100.0	100.0	140.0	100.0
Or	25001		99.9	79.9	99.9	100.0				140.0						100.0	
GF	5000		99.9	99.9	99.9	100.0	100.0			1.0.0					100.0	100.0	
() F	1600		99.9	99.9	94.9	100.3	100.0			100.0			100.0		100.0	100.0	
GF	1500		99.5	99.9						100.0						100.0	
6.5	12001	99.9	99.9	99.9	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٥E	1000		99.9	99.9	99.9	1 GD • C	100.0	100.0		100.0				100.0	100.0		100.0
6F		99.9	79.9	99.9	94.9	100.0	100.0			100.0				100.0	100.0	100.0	
GF		79.9	33.0	99.9	99.9	100.0				140.0			100.0	100.0	100.0	1 40 . 0	
Մ r		40.0	39.9	99.9	99.5	100.C	190.0	100.0		100.0				100.0	100.0	100.0	
O.E.	60 r l	99.9	99.9	97.9	9.4	160.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6°		79.9	99.9	99.9		100.0		100.0		100.0				100.0	100.0		100.0
G.E.		99.9	99.9	99.9		100.0				100.0				100.0	100.0		100.0
G F		93.9	99.9	99.9	99.9	160.7	100.0	100.0		100.0			100.0	100.0	100.0	100.0	
C.E.		13.3	99.9	99.9						100.0						100.0	
ijŧ.	1001	99.9	99.9	90.9	99.4	160.0	180.0	167.7	190.3	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
G F.	r)	17.9	99.9	99.9	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

5 T A	11	C 4 N	·UMRER:	723865	AOITATZ	NAME:	NELL	IS AFB	NV					OF REC			1200-14	00
 (F)			• • • • • •	• • • • • • •	• • • • • • • • •	• • • • • •	• • • • • •	• • • • • •	V T C 1		IN STAT			• • • • • • •	• • • • • • 2	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	l E. a. L Ni		SE	GE	GE	GF	GE	GE		GE	GE	GE	GE		GE	GE	GE	GE
			10	6	5	4		2 1/2			1 1/4		3/4		1/2	5/16	1/4	0.0
	-		-	-				-										-
• • • •	•••		• • • • • • •	• • • • • • • • •			••••					•••••						
NO	CE	IL i	64.3	84.3	84.3	84.3	64.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
۰۶	20	ซอกไ	93.9	93.9	93.9	93.9	94.0	94 • G	94.0	94.0	94.D	94.D	94.0	94.0	94.0	94.0	94.0	94.0
			94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
o r	16	וחנת	95.€	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
υF	14	coni	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
J.E.	12	ורטר	93.1	98.1	98.1	96.1	98.2	96.2	98.2	96.2	98.2		98.2	98.2	98.2	98.2	98.2	98.2
r. c	1.0	inc ni	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
			99.3	99.3		99.3	99.4	99.4	99.4	99.4		99.4	99.4	99.4	99.4	99.4	99.4	99.4
			99.4	99.4		99.4	99.6	99.6	99.6	99.6		99.6	99.6	99.6	99.6	99.6	99.6	99.6
			97.6	99.8		99.8	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9
			99.8	99.8			107.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0
					-							_						-
6 F	5	ron	99.0	99.8	99.9	99.9	100.0	100.B	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65	4	E () 7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
ĿF	4	raci	99.8	99.8	99.9	99.9	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ç, F	3	5001	97.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ġ₹	3	ומנים	90.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
	,	sant	99.8	99.8	99.9	99.9	100.0	100 0	100 0	100.0	100.0	100 0	100.0	100.0	100 0	100.0	100.0	100-0
()F			97.8	99.8							100.0					100.0		
G.F			99.8	99.8		99.9					100.0					100.0		
ts E			97.8	99.8		99.9					100.0					100.0		
5 F			99.8	99.8		99.4					160.0							
., (•		,,,,	,,,,	,,,,		14 / 15	10010	100.00	100.0	100.0	100.0	10010	10010		10000	14000	
6-	1	cuni	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.6	107.0	100.0	100.0	100.0	100.0	100.0
6.5		900	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ь:		2601	99.8	99.8	99.9	99.9	160.0				168.0				100.0	100.0	100.0	100.0
G E		79 01	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
5 F		edel	99.8	99.8	99.5	99.9	107.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G F		s a n l	99.A	99.8	99.9	99.9	100.0	100.0	100.0	100.0	140.0	100.0	100.0	100 0	103.0	100.0	100.0	100.0
G.E			99.8	99.8		99.9					100.0					100.0	100.0	
6.5			97.8	99.8							100.0			100.0	100.0	100.0		100.0
္ပ်ဴး			99.8	99.8		99.9					100.0					100.0		
ÜF			57.8	99.6		99.9					1.0.0							
C.		1001	7.46	7780	77.7	, , , ,	100 • 0	10010	100+0	1.000	100.0	100.0	100.0	*00*0	10010	10010	10040	
(, r		r.	40.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	160.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

TATION N	UMBER:	723865	STATIO	ON NAME:	NELL	IS AFB	NV				PERIOD Month	OF REC	ORD: 77 Hours	-86 (LST):		
EILING	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •						ES		• • • • • •	•••••	•••••	• • • • • • •
IN I	GE	GF	GE	CF	GF	GF	GE	GE	GE	GE	GE	GE	GE	6E	GE	6E
IN I	10	6	5	4	3	2 1/2	- 2	1 1/2	1 1/4	1	3/4	5/8	1/2		1/4	0
												• • • • • • •				
CEIL I	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
200001	91.9	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
180001		93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
160001		94.5	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
140001		96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
120001	97.0	97.3	97.6	97.7	97.B	97.8	97.8	97.8	97.8	97.8	97.8	97.6	97.8	97.8	97.8	97.8
100001	93.4	98.8	99.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
9000		98.9	99.1	99.2	99.3	99.3	99.3		99.3			99.3	99.3	99.3	99.3	99.3
80001		99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
70001	99.0	99.3	99.6	99.7	99.8	99.8	99.8		99.B			99.8	99.8	99.8	99.8	99.8
econi	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
scool	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
450C		99.6	99.8	99.9		166.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
40001	39.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0
35001	99.2	99.6	99.8	99.9	100.0						100.0					
30001	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25001	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20001	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
18001	99.2	99.6	99.8	99.9	100.9						100.0					
1500	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
12001	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10001	99.2	99.6	99.8	99.9	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0				
900	99.2	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8001		99.6	99.8	99.9							100.0		100.0		100.0	
E 700]		99.6	99.8	99.9							100.0					
- 60C)	99.2	99.6	99.6	99.9	167.0	160.0	100.0	100.C	100.0	100.0	100.0	100.0	103.0	100.0	100.0	100.0
	99.2	99.6	99.8		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.2	99.6	99.8	99.7							100.0					
	99.2	99.6	99.A	99.9							100.0					
	99.2	99.6	99.8	99.9							100.0					
tant	99.7	99.6	99.5	99.9	100.3	100.0	100.0	100.0	100.0	0.001	103.0	100.0	100.0	100.0	160.0	100.0
e i	99.2	29.6	99.5	99.9	100.0	100.0	100.0	100.0	1,,0.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

					-	ON NAME							MONTH		HOURS	(LST):	1800-20	00
	ILING	•••		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		A II I TY	IN STAT	UTE MIL	F S	• • • • • • •	• • • • • • • •	• • • • • • • •	•••••	
	IN EET		GE 10	GE 6	G £ 5	G F 4	GΕ 3	GE 2 1/2	GE	GF 1 1/2	GE	6E 1	GE 3/4	GE 5/8	GE 1/2	6E 5/16	GE 1/4	GE O
		• • •				• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • •
NO	C£1L	ı	d5.3	85.3	85.3	A 5 + 3	65.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE	2000	וס	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
G E	18000	οĺ	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE	16001	01	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	1400			96.6	96.6	96.6	96.6	96.6	96 • 6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
G F.	1200	C I	98.0	98.0	98.D	98.0	98.0	98.Ü	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	1000			98.8	98.8	98.6	98.8	96.8	98.8	98.8	98.8	98 • 8	98.8	98.8	98.8	98.8	98.8	98.8
	900			99.0	99.0	99.0	99.0	99.0	99.0	99.D	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE				99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	79 G			100.0	100.0	100.0	130.3	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
3 E	600	? 1	00.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	50ai	n I r	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			37.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			03.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	3501	ri 1	00.D	100.0	100 ⋅ €	106.0	100.0	100.0	160.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	3001	ei 1	30.0	100.0	100.0	106.3	100.3	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G E	2501	r I i	00.0	100.0	10D.C	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			0.00	100.6	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			2+00.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE			1.0u	100.0	100.0	100.0	100.0	100.C	100.0			100.0		100.0	100.0	100.0	100.0	100.0
GΕ	120	ווי	0.00	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	100	n I ı	00.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	106.0
űF			U0.E	100.6	100.0	100.0	100.0	100.6	100.0	100.0		100.0	100.0	100.0		100.0	100.0	100.0
ĞΕ			00.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
GF			J7.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0
6 E	601	ri 1	33.0	100.0	100.C	100.0	100.0	100.6	100.0	100.0		100.0		100.0	100.0	100.0	100.0	106.0
GF	< C (0 1	6n.0	100.0	100.0	105.0	100.0	100.0	100.C	100.0	107.0	190.0	107.0	100.0	100.0	100.0	100.0	100.0
GE			ם.נים	100.0	100.0	100.3	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			00.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	190.0		100.0	100.0	100.0	100.0	100.0
CΕ			uc.r	100.0	100.0	100.0	100.0	100.0	100.0		140.0	100.0		100.0	100.0	100.0	100.0	106.0
GF	101	1	0.00	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GF		1 1	50.N	100.0	100.0	106.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	ATION	NU	MBER:	723865	STATI	ON NAME:	NELL	IS AFB !	4 V					OF REC				
														: JUN		(LST):		00
			••••	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •				• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••
	ILING						c.c	GΕ	GE GE		IN STAT		ES GE	GE	GE	GE	GE	GĒ
	IN.		GE	GE	GE	G E 4	G£.			GE		GE.	3/4	5/8	1/2	5/16	1/4	0.5
	133	•	10	6	5	• • • • • • •		2 1/2		1 1/2		1	-		-			-
• • •	• • • • •	•••	•••••	• • • • • • • •	•••••	• • • • • • • •			• • • • • •		•••••	• • • • • •	•••••	• • • • • • •	• • • • • • •			
NΩ	CETI	ı	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
	CLIL	•	.,,,	9,44				.,,,,,	0,.,		0,01	0,,	• . • .	• • • • • • • • • • • • • • • • • • • •	• • • •	• • • •	• • • •	
GE	2000	nì	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	1800			94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GF	1600	ct	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GΕ	1400	σİ	96.8	96.8	96.8	96.8	96.B	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
G F.	1200	01	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE	1000	e i	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
6 F	900	e i	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GΕ	800	01	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
G E.	סיו 7	e l	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE	600	σI	99.7	99.8	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.5	99.8	99.8	99.8
6 E			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
ΘE			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GΕ			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	300	C.	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 E			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GF.			59.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 E			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	120	C I	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	100	٠.	99.7	99.9	99.9		49.5	99.9	99.9	99.9		20. 2		•••			99.9	99.9
GE			99.7	99.9	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9	99.9
65			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	99.9	99.9	99.9	99.9
G.			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE			99.7	99.9	99.9	99.9		. 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
U L	65		,,,,	,,,,	,,,,	77.7	7,17	. ,,,,	77.	77.7	77.7	77.7	77.7	77.7	****	****	7767	,,,,,
6 E	5.13	οl	99.7	99.9	99.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 E			97.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	99.9	99.9	99.9	99.9
GE			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
υE			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GF.	10	rί	99.7	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		-		-		-		- "				,		• •				•
G F.		n١	99.7	93.9	99.9	99.9	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 HONTH: JUN HOURS (LST): NG VISIBILITY IN STATUTE MILES CEILING GE CEILING IN | GL FEET | 10 GE GE GE GE GE GE GE GE 2 1 1/2 1 1/4 1 3/4 GE GE GF GE GE 4 3 2 1/2 6 5 1/2 5/16 5/8 1/4 Ω 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 87.4 7.4 87.4 87.4 NO CETE 1 87.4 LE 20000| 93.6 GE 18000| 94.0 GE 16000| 95.2 93.6 93.6 94.1 95.2 93.7 94.1 95.3 93.7 93.7 93.7 93.7 93.7 93.6 93.7 93.7 93.7 93.7 93.7 93.7 94.1 94.1 95.3 97.2 94.1 95.2 94.1 94.1 94.1 94.1 94 • 1 95 • 3 94.1 94 • 1 95 • 3 94.1 94.1 95.3 94.1 97.2 97.2 GE 120071 98.3 98.3 98.3 98.3 98.4 98.4 98.4 98.4 98.4 98.4 GE 100001 99.3 GE 90001 99.4 GE 80001 99.7 GE 70001 99.8 99.4 99.5 99.8 99.9 99.3 99.3 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.8 99.5 99.8 99.9 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.5 99.8 99.8 99.8 99.8 99. R 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 60UC1 99.8 100.0 100.0 100.0 5000 99.8 4500 99.8 4000 99.8 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 35001 99.9 6 F 99.9 99.9 99.9 100.0 100 a D 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 30001 99.8 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 250ml 99.8 99.9 99.9 99.9 GF 100.0 100.0 100.0 100.0 100.0 100.0 100.0 120.0 100.0 100.0 100 · D 100.0 2000| 99.8 1800| 99.8 1500| 99.8 99.9 99.9 99.9 100.0 100.0 100.0 6 E 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 100.0 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 E 12371 99.6 99.9 99.9 100.0 100.0 100.0 100.0 1.0.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE GE 10001 99.8 99.9 99.9 99.9 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 99.8 8001 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 99.9 G.F 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 100.0 99.9 99.9 ų, i 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6001 99.F 100.0 ۽ ن 99.9 99.9 99.9 100.0 190.0 100.3 100.0 100.0 100.0 100.0 100.0 500| 99.8 100.0 100.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 G € 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1... 100.0 100.0 30rl 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 2001 99.9 99.9 99.9 99.1 107.9 100.G 100.0 106.0 100.0 170.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE r| 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER:			723865									PERIOD OF RECORD: 77-86 Month: Jul Hours(LST): 0000-0200					00
CEILING VISIBILITY IN STATUTE MILES															• • • • • • • • • • • • • • • • • • • •		
LEI		GE.	GE	GE	GF	GE	GΕ	G E A I S I	GE	GE GE	GE	GE	GE	GΕ	GE	GE	GE
FE		10	6	5	4	3			1 1/2		1	3/4	5/8	1/2	5/16	1/4	٥
	• • • • •											• • • • • •	• • • • • •			• • • • • •	• • • • • • • • • • •
NO I	CEIL (85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
									89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	20000 18000		89.4 90.3	89.5 90.4	89.5 90.4	89.6 90.5	89.6 90.5	89.6 90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	160001		91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	140001		94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	120001		96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	76.5	96.5	96 • 5	96.5	96.5
O.C.	12000	70.0	70.2	,0,5	70.5	,,,,	,0.3	,,,,	,0.5	,,,,	,,,,	, , ,	,,,,	,,,,,	,		
GF	100001	98.3	98.5	98.6	98.6	98.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
SE	90601		98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
3 E	80001		99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
G.F	70001		99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
G.F	60301	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.B	99.8	99.9	99.9
GE	5 nonl	99.4	99.7	99.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
G F	450cl	99.4	99.7	99.8	94.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6 F	40001	99.4	99.7	99.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6 E	35001	99.4	79.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE	3000	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GΕ	25001	99.4	99.7	99.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
ĢF	200rl		99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6.5	1800		99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
БE	1500		79.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
ĢΕ	1500]	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
															•••		
SE	1000		99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9	99.9	99.9 99.9	99.9	100.0	100.0 100.0
GF GE		99.4	99.7	99.8	99.8	99.0	99.9	99.9	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	130.0	100.0
		97.4	99.7	99.6	99.8	99.9 99.9	99.9	99.9 99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6 F		97.4	99.7	99.8	99.8		99.9	99.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6 F.	PD1	99.4	99.7	99.8	99.8	99.9	99.9	99.4	99.9	77.7	77.7	77.7	77.7	77.7	77.7	100.0	100.0
GE	Surt	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6F		99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
G.F		99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6 E		99.4	99.7	99.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
G E		99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
				• •	• •	• .	,		.,			• •	• •	•			
G F	01	99.4	99.7	99.8	99.8	49.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS:

930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 03J0-0500 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV ******************************** VISIBILITY IN STATUTE MILES CFILING IN | GL FEET | 10 GE GE 3 2 1/2 GE GF GE 2 1 1/2 1 1/4 GE 5/16 - 6 1 3/4 5/8 172 1/4 0 NO CEIL | 82.7 92.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 82.7 GE 200001 86.3 86.3 86.3 86.3 86.3 86.3 86.3 86.3 A6.3 86.3 86.3 86.3 86.3 86.3 86. T 86.3 86.6 GE 180001 86.6 GE 160001 87.7 86.6 87.7 86.6 86.6 87.7 86.6 87.7 86.6 87.7 86.6 86.6 86.6 87.7 86.6 87.7 86.6 87.7 86.6 87.7 86.6 86.6 86.6 87.7 93.2 6F 140001 93.2 93.2 93.2 93.2 93.2 UE 12000 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 96.6 98.4 98.4 98.5 98.4 98.5 98.4 98.4 G: 100001 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.5 98.4 9000 98.5 8000 99.9 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 98.5 99.9 υF 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.0 99.9 99.9 130.0 7000 100.0 100.0 100.0 100.0 100.0 100.G 100.0 100.0 100.0 100.0 100.0 100.0 106.0 100.0 ЬF 60001100.0 100.0 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5000|100.0 4500|100.0 100.0 GE 106.0 100.0 100.0 100.0 100.0 100.0 100.0 G F. 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 40001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 3500 100.0 GΕ 100.0 100.C 100.0 100.0 106.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100-0 30001100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 2500(100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 GF anani tanan 100.0 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 1800 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 F 15001100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1200 100.0 GE 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 68 10001140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 960|163.0 836|166.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 5 6001100.0 100.0 100.0 100.0 100.0 100.G 100.0 190.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 Gr 100.0 500113040 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 407 100.0 TUNITOC.D 100.0 100.0 100.0 100.0 100.0 100.0 100.0 103.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 2001100.0 100.6 170.0 100.0 100.6 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 6 F 1001100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0

100.0 100.0 100.0 100.0 100.0

100.0 100.0 100.0 100.0 106.0

TOTAL NUMBER OF DBSERVATIONS:

01160.7 100.0 100.0 106.0

100.0

930

100.0

GF

PERCENTAGE FREQUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 MONTH: JUL HOURS(LST): 0600-0800 CETLING VISIBILITY IN STATUTE MILES LEILING IN | GE FEET | 10 GE GE 3 2 1/2 ∌€ - 4 GE GE GE GE 2 1 1/2 1 1/4 1 -6 GΕ GΕ . 5 3/4 5/8 1/2 5/16 NO CEIL | 81.4 91.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 81.4 GE 200001 85.6 85.6 85.6 85.6 86.1 85.6 85.6 AS . A 85.6 85.6 85.6 85.6 85.6 45.6 85.6 86.1 87.0 93.3 GF 18000| 86.1 GE 16000| 87.0 86.1 87.0 86.1 87.0 86.1 87.0 93.3 86.1 86.1 86.1 86.1 87.0 93.3 86.1 86.1 86.1 86.1 86.1 86.1 87.U 93.3 87.0 93.3 87.0 93.3 87.3 87.0 87.0 87.0 87.0 93.3 93.3 93.3 93.3 6E 120JOI 96.3 GE 10000| 99.0 GE 9000| 98.5 GE 8000| 99.7 98.0 98.0 98.0 98.C 98.0 98.0 98.0 98.0 98.C 98.0 98.0 98.0 98.0 96.5 99.7 98.5 98.5 98.5 98.5 98.5 98.5 99.5 99.7 98.5 99.7 98.5 99.7 98.5 99.7 98.5 98.5 98.5 98.5 99.7 100.0 99.7 160.0 99.7 99.7 99.7 99.7 99.7 99.7 99.7 70001100.0 100.0 GΕ 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5000|100.0 4500|100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 40001103.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 35 301 100.0 υE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 3000 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 106.0 25001100.0 100.0 6E 100.0 100.0 100.0 100.0 106.0 100.0 100.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 20001100.0 100.0 100.0 100.0 100.0 6 F 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 100.0 100.D 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 15301168.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 12001100.0 6 E 100.0 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10001100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 900 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 7001100.0 100.0 100.0 1CC.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 600|100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 (, r 5601100.0 106-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 i00.0 4001133.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 3001100.0 100.0 100.0 120.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 2001103.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 170.0 100.0 100.0 20107-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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100.6 100.0 100.0 100.0 100.0

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 MONTH: JUL HOURS (LST): 0900-1100 CEILING VISIBILITY IN STATUTE MILES GE GE 3 2 1/2 IN | GE GE GE FEET | 10 6 5 6 <u>5</u> 4 GE GE GE GE GE 2 1 1/2 1 1/4 1 3/4 GE GE GE GE 5/8 1/2 5/16 1/4 Ð NO CEIL | 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 82.3 87.6 89.5 87.6 88.5 87.6 88.5 87.6 88.5 87.6 88.5 87.6 88.5 87.6 6E 200001 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 87.6 GE 180001 88.5 88.5 88.5 98.5 88.5 88.5 88.5 88.5 88.5 88.5 88.8 88.8 95.3 88.8 88.8 88.8 95.3 86.8 GE 160001 88.8 88.8 88.8 88.8 88.8 88.8 88.8 88.8 95.3 95.3 G.E 140001 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 120001 97.1 97.1 97.1 98.2 98.6 99.7 98.2 99.2 GE 100001 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 98.2 90001 98.6 80001 99.7 98.6 98.6 96.6 98.6 98.6 98.6 99.7 98.6 98.6 99.7 98.6 99.7 98.6 98.6 99.7 98.6 99.7 98.6 98.6 99.7 GE 70001 99-7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 600rl 99.7 99.7 99.7 99.7 99.7 99.7 99.7 GE 99.7 99.7 99.7 50001 99.8 40001 99.8 40001 99.9 99.9 GE 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.8 99.9 99.9 99.9 100.0 99.9 100.0 99.9 99.9 100.0 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 100.C 100.0 100.0 100.0 35001 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ĠΕ 30001 99.9 99.9 100.0 100.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 25001 99.9 20u01 99.9 39.9 39.9 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.3 103.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1,0.0 100.0 100.0 100.0 18001 99.9 39.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 E 100.0 100.0 100.0 100.0 100.0 100.G 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10001 49.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 99.9 9001 99.9 99.9 100.0 103.3 100.0 100.0 100.0 106.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 120.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7301 97.9 99.9 100.0 103.9 100.7 100.0 100.0 100.0 1,0.0 100.0 100.0 100-0 100.0 100-0 100.0 100.0 ų f 100.0 6001 99.9 99.9 100.L 100.0 170.0 100.0 103.0 160.9 100.0 100.0 100.0 130.0 100.0 100.0 100.0 G.F 500t 99.9 99.9 100.0 100.0 160.0 100.0 100.0 100.0 1..0.0 100.0 100.0 100.0 140.0 100-0 100.0 100.0 3001 99.9 3001 99.9 99.9 100.0 100.0 100.0 G F 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.4 100.0 100.0 100.0 1.0.0 100.0 100.0 100.0 176.0 100.0 100.0 100.0 100.0 100.0 100.0 100 99.9 100.0 100.0 100.0 100.0 160.0 100.0 100.C 100.0 107.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS:

C| 99.9

33

216

99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER:	723865	STATI	ON NAME:	NELL	IS AFE	NV				PERIOD	OF REC	ORD: 77	-86		
•					· · ·					HONTH	: JUL	HOURS	(LST):	1200-14	00
														• • • • • •	
CEILING								IN STAT							
IN GE	GĒ	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	32
FEET 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • • • • • • • • • • • • • • •		• • • • • •	• • • • • • •	• • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • •
NO CEIL 77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	17.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 200001 87.2	87.2	87.2	87.2	67.2	87.2	87.2	87.2	87.2	P7.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 18COC 68.1	88.1	a8.1	R8.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 160001 88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	86.5	88.5	£ 8 • 5
GE 14000 94.2	94.2	94.2	94.2	94.2	94.2	94 • 2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 120001 96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
or consol on a				97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 100001 97.1 GE 90001 97.3	97.1 97.3	97•1 97•3	97.1 97.3	97.3	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 80001 99.4	99.4	99.4	99.4	99.4	99.4	97.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
G5 600Cl 99.6	99.6	44.0	99.6	99.5	99.6	99.6	77.0	77.0	97.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 50001 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 450F 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	95.9
GE 40001100.0	120.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0
GE 35001100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 30001103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0
0. 300,10010	1000									• •					••••
GE 25001100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE Zrarlius.o	100.0	100.0	100.0	140.0	100.0	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1900 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E 1500 100.0	100.0	100.0	100.0	160.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65 1200 100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
								•							
GE 1000 100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	0 - 0 ن 1	100.0	107.0	100.0	130.0	100.0	100.0	100.0
GE 900 100.0	100.0	100.0	106.0	160.0	106.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF PURITO:0	100.0	100.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7301162.0	100.0	100.0	100.0	107.3	100.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
GF 630[100.0	100.0	100 · C	100.6	107.0	106.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE 5071107.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
6E 4001100.0	170.0	100.0	100.6	130.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3001150.0	100.L	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	160.0	100.0
⊌€ 20°1100.0	170.6	100.6	106.6	100.0	100.6	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 190 100.0	100.0	100.6	100.0	100.0	106.6	100.0	100.0	160.0	100.0	160.0	100.0	100.0	190.0	100.0	106.0

GF 7[10].0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 MONTH: JUL HOURS (LST): 1500-1700 VISIBILITY IN STATUTE MILES CEILING IN 1 GE FEET 1 10 VISIRILITY IN STATUTE M:

6F GE GE GE GE GE
4 3 2 1/2 2 1 1/2 1 1/4 6.F GE GE GE 6 t 5 6 3/4 5/8 1/2 5/16 1/4 0 77.1 NO CEIL | 77.1 77.1 77.1 88.4 89.4 88.4 88.4 88.4 88.4 GE 200001 88.3 88.4 8 a . 4 88.4 88.4 88.4 88.4 88.4 88.4 GE 180001 88.5 GE 160001 89.2 88.6 89.4 88.6 88.6 89.4 88.6 88.6 88.6 89.4 88.6 89.4 88.6 88.6 89.4 88.6 89.4 88.6 88.6 88.6 89.4 88.6 89.4 88.6 89.4 GE 140001 93.9 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 GE 120001 95.8 95.9 95.9 97.8 97.8 99.2 GF 100001 97.7 GF 90301 97.7 GE 80301 99.1 97.8 97.8 99.2 97.8 97.8 99.2 97.9 97.8 99.2 97.8 97.6 99.2 97.8 97.8 99.2 97.8 97.8 99.2 97.8 97.8 99.2 97.8 97.8 99.2 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 99.2 97.8 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 6.F 60001 99.5 99.7 99.5 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 5001 99.5 4500 99.5 4000 99.5 6 E 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.8 99.8 99.8 99.8 65 99.8 65 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 35001 99.5 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 6 E 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.8 99.8 99.8 99.8 99.8 99.8 GF. 20001 99.5 18001 99.5 99.7 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.8 99.8 99.6 99.8 G F 15001 99.5 99.7 99.8 99.8 99.0 99.8 99.8 99.8 99.8 99.8 99.9 99.8 99.8 99.8 99.9 99.9 G 12001 99.5 99.8 99.7 99.8 99.8 99.8 99.8 99.9 99.8 99.8 99.8 97.0 99.8 99.8 99.8 99.9 G F 10001 99.5 99.8 99.8 99.7 99.8 99.8 99.8 99.8 99.9 99.9 99.8 99.8 99.8 99.8 99.8 99.8 65 9001 99.5 8001 99.5 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.8 99.8 99.4 7301 99.5 99.7 95.8 99.8 99.8 99.A 99.8 99.8 99.8 99.9 99.9 6001 99.5 G F 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.8 99.8 99.8 99.8 GF Suc1 49.5 29.7 99.8 99.8 99.8 99.8 99.8 99.4 99.8 99.A 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 4001 99.5 97.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.6 6.5 3JP| 99.5 99.7 99.8 99.6 99.8 99.8 99.8 99.8 90.8 99.8 99.8 99.8 99.9 2301 99.5 99.8 99.8 99.8 99.8 GF 99.8 99.6 99.8 99.9 99.7 99.3 99.8 99.8 99.8 C1 99.5 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 100.0 99.8 99.8 99.8

PERCENTAGE FREQUENCY OF OCCUPRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

IN WEATHER SERVICE/MAC

ST	A T	ION	N	OMBER:	723865	STATI	ON NAME:	NELL	IS AFB N	٧				PERIOD MONTH	OF REC			1800-20	00
		ING		• • • • • •	• • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • •	• • • • • • • •			IN STAT			• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • •
	IN		Ł	GE	GE	GE	G F	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE
	ĒE		i	10	6	5	4	3			1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
NO	C	EIL	. 1	79.5	79.5	19.5	79.5	79.5	79.5	79.5	79.5	19.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
e £	,	n n n	- 1	88.6	88.6	88.6	8 8 A	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
				8.86	88.8	8.86	88.6	88.8	86.8	88.8	88.8	58.8	88.8	85.8	88.8	88.8	88.8	88.8	88.8
				97.1	30.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
			-	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	99.7	94.7	94.7	94.7	94.7	94.7
				95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96 • D	96.0	96.0	96.0
ur	1	200	G I	7718	73.7	73.7	73.7	7347	7347	40.0	,0.0	70.0	70.0	70.0	7630	70.0	70.0	70.0	70.0
GE	1	٥٥٥	01	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GΕ		900	αĹ	97.8	98.0	98.0	98.0	98.0	96.0	98.1	98.1	98.1	98.1	98.1	98.1	98 • 1	98.1	98.1	98.1
G٢		Bng	01	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE		700	ei.	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GF		600	0	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
G E				99.7	99.8	99.8	29.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE.				39.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE				99.7	99.8	99.8	99.8	99.R	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6E				99.7	99.8	99.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE				99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
										. , . ,									
GF		250	17	97.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	49.9	99.9	99.9	99.9	100.0	100.0
GΕ		200	01	99.7	99.8	99.8	99.0	99,9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE		190	01	99.7	99.8	99.8	99.8	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GΕ		150	οŧ	99.7	79.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GΕ		120	7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GF			٠,	99.7	99.8	99.8	99.B	99.8	99.8	99.9	94.9	99.9	99.9	99.9		99.9	99.9	100.0	100.0
G.F				99.7	99.8	99.8	99.6	99.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
C.F.				99.7	39.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
G.F				93.7	99.8	99.8	99.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	147.0	100.0
GF				99.7	99.8	99.8	99.8	99.5	99.8	99.9	99.9	49.9	99.9	77.7	79.9	99.9	99.9	100.0	100.0
GF		00	1.4	99.1	77.8	99.H	94.8	44.6	99.8	99.9	99.9	99.9	99.9	99.9	79.9	44.4	44.4	100.0	100.0
GE		50	eΙ	49.7	79.8	99.8	99.8	9^.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
6E		u I	01	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	107.0	100.0
G E		30	91	99.7	99.8	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
Ŀε		20	r1	99.7	99.8	99.8	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	160.0	100.0
65		10	91	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE			C 1	99.7	20.0	99.8	99.5	99.4	99.8	99.9	99.9	99.9	20.0	00.6	20.5			1.00.0	100 3
				77.1	99.8	77.8						-	99.9	99.9	99.9	99.9		100.0	

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TOTAL NUMBER OF ORSERVATIONS:

940

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

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PERIOD OF RECORD: 77-86 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: JUL HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES IN | 6E FEET | 10 GE GF GL 2 1 1/2 1 1/4 GE GE 6 GE 5 G E 4 GE GE 3 2 1/2 GE 1/2 GE 5/16 GΕ 5/8 1/4 0 85.5 85.5 NO CEIL | 85.5 85.5 85.5 A 5.5 85.5 85.5 85.5 85.5 95.5 85.5 85.5 85.5 85.5 6F 207001 97.9 6E 187001 91.3 6F 167001 92.6 90.9 90.9 91.3 92.6 90.9 90.9 96.9 96.9 90.9 90.9 90.9 90.9 90.9 91.3 91.3 91.3 91.3 92.6 91.3 91.3 92.6 91.3 92.6 91.3 92.6 91.3 91.3 91.3 92.6 91.3 92.6 91.3 92.6 92.6 92.6 92.6 92.6 6E 140001 95.3 95.4 95.4 95.4 95.5 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 95.6 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 UE 12700 96.8 96.9 96.9 96.9 97.1 GE 100001 98.6 GE 90001 98.9 98.9 99.2 99.8 98.9 99.2 99.8 98.7 98.7 98.9 98.9 98.9 98.9 98.9 99.2 99.8 98.9 99.2 99.8 98.9 98.9 98.9 98.7 98.9 99.0 90001 98.9 97.E 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.3 99.6 99.9 99.9 99.9 99.9 99.9 99.9 99.9 U.F 67361 99.6 99.7 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.8 99.8 100.0 100.0 G.F 50001 49.7 99.8 100.0 100.0 160.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 45UC| 99.7 40UC| 99.7 40UC| 99.7 35UC| 99.7 GF 99.8 100.0 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 65 100.0 99.0 99.8 97.8 100.0 100.0 100-0 100.0 100.0 100.0 99.8 99.8 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 ⊌ € 99.8 100.0 3CJC| 99.7 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 130.0 100.0 99.8 95.8 99.8 100.0 100.0 20001 49.7 Lı F 99.8 94.8 100.0 100.C 100-0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 18001 99.7 15001 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 170.0 107.0 100.0 100.0 100.0 100.0 100.0 100.6 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 100.0 99.6 99.8 160.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 12001 99.7 99.8 99.8 6 F 99.8 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 900 99.7 PUCT 99.7 79.8 99.F 99.8 100.6 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 G.E 100.0 100.0 100.0 100.0 100.0 130.0 7ucl 97.7 160.0 100.0 1,0.0 170.0 100.0 100.0 100.0 100.0 100.0 99.8 100.0 1, 5 60EL 99.7 99.8 99.4 99.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4001 99.7 99.8 99.E 100.0 99.8 100.7 100.0 100.0 100.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 υE 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001 99.7 2101 99.7 99.8 99.5 99.8 160.0 100.0 107.7 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.8 100.0 (, 6 99.8 100.0 100.0 130.0 100.3 100.U 109.0 100.0 100.0 100.0 100.0 100.0 iani 99.7 1, 5 100.6 100.0 100.0 100.0 100.0 100.C 100.0 100.0 130.0 100.0 100.0 100.0 150.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF UCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

The second of th

STA	TION F	UMBLR:	723865	STATI	ON NAME:	NELL	TS AFB I	4 V						ORD: 77			
													: JUL		(LST):	ALL	
	L ING	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	•••••			IN STAT			•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
ī		GE	GE	GE	6F	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GE	GE	GE
FE	ET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
•••	• • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •		• • • • • • •	• • • • • •			• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • •		
					_												
NO	CEIL	81.3	81.4	81.4	91.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
G.F	2000001	88.0	98.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	98.0	88.0	88.0	88.0	88.0	88.0	88.0
	180000		88.5	88.5	88.5	88.6	86.6	88.6	88.6	48.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GΕ	16730	29.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
65	14030	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GF	12000	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
	10000		98.1	98.1	98.1	98.1	98.1	98.1	98 - 1	98.1	98.1	98.1	98.1	98.1	98 • 1	98 • 1	98 • 1
G E G F		98.2 99.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98 • 3
6"		99.6	99.5 99.7	99.5 99.7	99.5	99.5 99.7	99.5 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6 99.7	99.6	99.6	99.6
6 E		99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.7	99.8	99.8	99.1	99.1	99.7	99.7 99.8	99.8 99.8	99•8 99•8
0.0	00011	,,,,	,,,,,	,,,,	,,,,,	77.0	77.0	77.0	77.0	7740	77.0	77.0	77.0	77.0	77.0	77.0	77.8
GΕ	50001	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
G F.		99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
Gr		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GF		99.8	99.9	99.9	99.9	43.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
ĿΕ	3000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
G.F.	25.321	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	00.0	99.9					
G.F		99.8	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9	99.9	100.0	100.0 100.0
U.F		97.8	99.5	99.9	99.9	40.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
ú [99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	140.0	100.0
0°	[מככב	47.P	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9	99.9	99.9	100.0	100.0
(, F		49.E	99.9	99.9	99.4	90.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	140.0	100.0
G.F		99.8	99.9	99.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
U.E ⊖e		99.P	99.9	99.9	93.9	43.9	99.9	99.9	99.9	99,9	99.9	90.9	99.9	99.9	99.9	1 40.0	100.0
ij.F		99.F	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0.		99.0	77.7	94.4	44.4	44.4	95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
G₽	ruri	99.8	39.9	99.9	04.4	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	106.0
Úŧ.		90.B	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	1.00.0	100.0
GF		17.5	19.9	99.0	99.9	90.0	94.9	99.9	99.9	99.9	99.9	90.9	99.9	99.9	99.9	100.0	100.0
Ģ.E		27.8	99.9	99.9	0,.4	40.0	99.9	99.9	99.9	49.9	99.9	99.9	99.9	99.9	99.9	100.0	106.0
5 r	1701	97.P	99.9	99.9	99.9	49.4	79.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	1 JO . 0	100.0
65	r.I	99.0	79.9	99.9	99.9	39.5			0.4								
-		-	79.9			, , , ,	99.9	99.9	99.9	99.9	99,9	99.9	99.9	99.9	99.9	100.0	100.0

AIR WEATHER SERVICE/MAC

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF CCCURPENCE OF CEILING VERSUS VISIBILITY USAFFTAC FROM HOUPLY DASERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 77-86 MONTH: AUG HOURS(LST): DODG-D200 ILING VISIBILITY IN STATUTE MILES IN 1 St GE GE FEET 1 10 6 5 GE GE GE GE GE GE 2 1 1/2 1 1/4 1 3/4 GE GE 3 2 1/2 6 E 4 5/8 1/2 5/16 1/4 ۵ NO CEIL | 83.7 83.7 83.8 83.8 83.8 83.8 83.8 43.8 83.8 83.8 83.8 83.8 83.8 83.8 83.8 89.1 89.9 90.9 93.3 89.1 89.9 90.9 89.1 89.9 90.9 89.1 89.9 90.9 89.1 89.9 90.9 GE 230001 89.0 89.0 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 GE 167401 77.8 89.9 90.9 89.9 90.9 89.8 90.8 89.9 89.9 89.9 89.9 96.9 89.9 90.9 89.9 90.9 90.9 90.9 90.9 93.3 93.3 93.3 93.3 93.3 93.3 ¥3.3 GE 140001 93.2 93.2 93.3 93.3 93.3 93.3 93.3 93.3 95.3 97.6 97.6 98.7 97.6 97.6 98.7 97.6 97.6 97.6 97.6 98.7 GE 10030| 97.5 GE 9000| 97.5 GE 8030| 98.6 97.6 97.6 98.7 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.5 97.5 97.6 97.6 97.6 97.6 98.7 98.7 98.7 98.7 98.7 98.6 93.7 98 - 7 98.7 98.8 98.9 98.9 99.2 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 60001 99.1 99.2 99.2 99.1 99.2 99.2 99.2 99.2 99.9 99.2 6 E 50001 29.1 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 45JC| 99.8 40J0| 99.8 3500| 99.8 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.9 99.2 99.2 99.8 99.9 99.9 υE 99.9 99.9 G€ 99.9 99.8 30001 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 6 F. 25001 99.8 20001 99.8 99.8 99.8 99.9 1900 59.8 99.9 99.9 99.9 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.5 99.9 99.9 99.9 99.9 99.9 99.9 99.9 U.F 153"1 99.8 99.8 22.9 99.9 99.9 99.8 99.9 99.9 G.F 9001 99.8 99.8 99.9 99.9 99.5 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 7:01 49.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.8 6001 99.5 99.9 43.6 4361 49.8 4361 49.8 6 F 99.8 99.9 99.9 99.9 00.0 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 106.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 u F 100.0 100.0 100.0 100.0 100.0 100.0 100.3 160.0 100.3 100.0 107.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 r| 99.9 GE 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF ORSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

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												MONTH	: AUG	HOURS	(LST):	0300-05	00
		• • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •					••••••	• • • • • •	• • • • • •	•••••	• • • • • • •	• • • • • •
	LING	C (GE	25	6.5	c.t	GE			IN STAT		.ES GE					
	N I															GE	GE_
	ET		6		4		2 1/2					3/4		1/2	5/16	1/4	0
••	• • • • • •	• • • • • •	• • • • • • •	• • • • • • •		• • • • • • •	• • • • • • •		•••••	•••••	• • • • • • •	•••••	•••••	•••••	• • • • • • •	•••••	•••••
0	CEIL	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86 • 1	86.1	86.1	86.1	86.1	86 • 1	86.1
E	200001	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
ε.	18000	69.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	16000		90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
èΕ	14000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
F.	120001	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95 • 5	95.5
	100001		96.9	96.9	96.9	96.9	96 • 9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	9000		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	80001		98.6	98.6	9 d • 6	98.6	98.6	98.6	98.6	98.6	98 • 6	98.6	98.6	98.6	98.6	98.6	98.6
	70001		99.0	99.C	99.0	99.0	99.D	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
E	60001	98.9	99.0	99.C	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	50001		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.D	99.0	99.0	99.0	99.0	99.0	99.0
	450 el		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	40001		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	3500		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7		99.7	99.7	99 • 7	99.7	99.7
E	30001	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
Ε	25001	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7			99.7	99.7	99.7	99.7	99.7	99.7
	20001		99.6	99.6	77.0	99.8	99.0	97.8		99.9			99.8	66'8	99.4	99.R	99.8
	16001		99.9	99.9	99.9	99.9	90.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9
	15001		100.0	100.0	100.0	100.0	10.0					100.0		100.0	100.0	100.0	100.0
5	12001	99.9	100.0	100.0	190.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
			106.0				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F.	أناءه		100.0		100.0	100.0						100.0		100.0	100.0	100.0	100.0
·Ε		99.9	130.0	100.0	106.6	160.0				100.0			100.0		100.0	100.0	
F	- •		100.0		100.0	100.0						100.0		100.0		100.0	
31	60 C J	19.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1 00 • 0	100.0
E			106.0	100.6		130.0						107.0				100.0	
F.			100.0	100.0		100.0						100.0				100.0	
E		99.9	100.0	100.6	100.0	100.0				100.0			100.0	100.0	100.0		100.0
Ē	207) 1001		170.0	100.0	100.0	100.0				103.8			100.0	100.0	100.0	100.0	
	1001	77.7	1,10.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
E	r l	99.9	100.6	100.0	100.0	100.0	100.0	100.0	109.6	140.0	101.0	107.7	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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		-					IS AFB					MONTH		HOURS	(LST):	0600-08	
EILI		• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••			IN STAT			• • • • • • •	• • • • • • •	• • • • • • •	•••••	•••••
IN	1	GE	GE	GE	GE	GE	GΕ	GE	ĢΕ	GE	GE	G€	GE	GE	GE	GE	GE
FEET		10	6	5	4	3	2 1/2	5	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
	EIL 1		84.3	84.3	A 4 . 3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
								-									
	10000		88.1	88.1	88.1	89.1	88.1	88.1	88.1	88.1	88.1	88.1	88-1	88.1	88.1	88.1	88.1
	80001		88.7	88.7	88.7	68.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
	10003		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	40001		92.9	92.9	9 9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
ιΕ 12	20001	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
F 10	19090	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	90001		97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	inans		98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
ε	70001	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	60001		98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
Ε :	50001	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	45001		99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	4 cu c l		99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	35001		99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	30001		99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
F	25001	39.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	enaci		99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	18001		99.6	99.7	99.1	y ý . ÿ	99.9	37.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	15001		99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.D	100.D	100.0	100.0	100.0	100.0	100.0
	12601		99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E :	10001	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F	1700		99.7	99.6	99.8	100.0	106.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F	euri	-	99.7	99.8	99.8	100.0	100.0	160.0	100.0	140.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
Ē	70 C I		99.7	99.8	99.8	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	104.0
F		99.5	99.7	99.8	99.8	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0
Ε	50 mi	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0
Ē		99.5	99.7	99.6	95.8	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
E	300		99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E		99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	160.0		100.0	100.0	100.0	100.0	100.0	100.0
Ē	1001		99.7	99.8	99.8	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0
F		99.5	99.7	99.8			100.0									100.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: AUG HOURS(LST): 0900-1100 VISIBILITY IN STATUTE MILES ****************** GE GE 3 2 1/2 IN 1 SE FEET 1 10 GE GE GE GE 2 1 1/2 1 1/4 GE GE GE GE GE Ď 5/8 1/2 5/16 1/4 NO CEIL | 84.6 84.6 84.6 84.6 84.6 84.6 84.6 88.7 89.4 90.4 93.4 GE 200001 88.7 GE 180001 89.4 88.7 89.4 68.7 89.4 88.7 89.4 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4 90.4 98.4 GE 1600C| 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 90.4 93.4 93.4 93.4 93.4 93.4 93.4 GE 14000| 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 GE 120001 95.5 95.5 96.9 97.1 98.3 96.9 97.1 GE 10000] 96.9 97.1 96.9 97.1 96.9 97.1 96.9 97.1 96.9 97.1 96.9 97.1 96.9 97.1 96.9 96.9 97.1 97.1 97.1 97.1 97.1 97.1 90001 97.1 98.3 80001 98.1 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.2 98.2 98.3 98.3 GE 98.6 70001 98.4 98.5 98.6 98.6 98.6 98.6 98.6 98 - 6 98.6 98.6 98.6 98,6 98.6 GE 60001 98.4 98.5 98.5 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.7 98.7 98.7 99.5 98.7 98.7 99.5 50001 98.4 98.6 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.6 98.6 98.7 98.7 99.5 98.7 98.7 98.7 98.7 98.7 98.7 98.7 99.5 98.7 GF 40001 99.1 99.4 99.5 99.5 99.5 99.5 35301 99.5 99.5 99.0 99.6 99.6 99.6 99.6 99.6 30001 99.1 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.7 99.6 99.7 99.7 99.6 99.7 99.7 ЬE 25001 99.1 99.4 99.4 99.6 99.7 99.6 99.6 99.7 99.6 99.6 99.6 99.6 99.7 99.6 99.6 99.7 99.6 99.7 2000 99.1 1800 99.1 99.5 99.7 99.7 99.7 GE 99.5 99.7 99.7 99.5 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.9 100.0 15001 99.4 99.9 100.0 100.0 100.0 GE 99.7 99.9 99.9 99.9 100.0 100.0 100.0 17001 99.4 99.9 100.0 99.9 100.0 100.0 100.0 100.0 100.0 99.9 9001 99.4 8301 99.4 99.9 99.9 99.7 99.7 99.9 99.9 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.7 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7001 99.4 79.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ьE 6u0l 99.9 99.9 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 G F *00) 99.4 99.9 99.7 99.7 99.9 99.9 99.9 99.9 99.9 100.0 102.0 100.0 100.0 100.0 100.0 100.0 100.0 1111 90.4 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 3001 99.4 99.7 99.9 99.9 99.9 99.9 99.9 100.0 GE 99.7 100.1 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1071 99.4 100.C 100.0 100.0 100.0 GE 01 99.4 99.7 99.7 99.9 99.9 99.9 99.9 99.9 99.9 170.6 100.0 100.0 100.0 100.0 100.0 100.0

GLUBAL CLIMATOLOGY BRANCH USAFETAC FROM HOUPLY OBSERVATIONS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY OBSERVATIONS

STATI	ON NI	UMBER:	723865	STATIO	ON NAME:	NELL	IS AFB	4 V				PERIOD	OF REC	ORO: 77	-86			
												MONTH	: AUG	HOURS	(LST):	1208-14	00	
		• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • • •		TH 6747			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • •
CEILI	NG .	C /		6.5		C 1		9151 GE	GE	IN STAT	GE DIF WIF	ES GE	GE	GE	38	GE	GE	
IN	. :	GE	GΕ	GE 5	6E 4	GŁ	GE 2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	מב	
FEET	•	10	6												3710			
• • • • •	• • • • •	• • • • • •	• • • • • • •	••••	• • • • • • • • •	• • • • • •		• • • • • •		• • • • • • • •	•••••	•••••		••••	•••••	• • • • • • •	•••••	•••
NO CE	IL I	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE 20	1000	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
GE 18	cani	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
GE 16			90.1	90.1	9 C • 1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
GE 14			92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 12	0001	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95 • 2	95.2	95.2	95.2	95.2	95.2	95.2	
6E 10	1009	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
GE 9	0001	96.9	97.0	97.C	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
6E 8	0001	98.7	98.8	98 • 8	96.8	98.8	98.8	98.8	98.8	78.8	98.8	98.8	98.8	98.8	98.8	98.8	98 • 8	
GE 7			98.8	98.8	98.8	98.A	98 • 8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 6	0001	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
υE 5	1000	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
	500		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
	coci		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
	5401		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 3	0001	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
6E 2	5301	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
UE 2	100	99.5	99 • 8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 1	86C	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
6E 1	50C	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	130.0	100.6	
SE 1	2001	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF 1	Incn.	99.5	99.8	99.8	99.9	99.0	95.9	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF	9101	90.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0		100.0	100.0	100.0	100.0	100.0	
	ROC	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	7071		99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ůΕ	6001	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF	5001	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GΕ	4601	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GΕ	370	97.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	2001		99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
ĢΕ	1001	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF	cl	99.5	99.8	99.8	94.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

PERCENTAGE FREQUENCY OF UCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86

STA	ATION	NU	MBER:	723865	STATIO	ON NAME:	NELL	IS AFB N	١٧				PERIOD	OF REC	ORU: 77	-86		
																	1500-17	00
		• • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • •	• • • • • • •	• • • • • •					• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	IL ING									GE	IN STAT	GE OIF WIF	. E S	GE	GE	GΕ	GE	GE
-	EN .		er	GE	GE	GF	GE	GE	GÉ					5/8		5/16		
	ET	•	1 C	6	5	4		2 1/2		1 1/2		1	3/4		1/2		1/4	Đ
• • •	• • • • •	• • •	• • • • • •	• • • • • • •	• • • • • •									• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
4. 0	C = 1.			** 0		77.0	77.	17.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
NO	CEIL	1	//.U	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	,,,,	77.0	77.0	77.0	77.0
	2000	C I		38.8	88.8	88.8	88.8	88.8	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.A
	18001			89.9	89.9	89.9	89.9	89.9	89.9	89.9	69.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	1600			90.6	90.6	90.6	90.6	90.6	93.6	90.6	90.6	90.6	97.6	90.6	90.6	90.6	90.6	90.6
	14001			93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
	1200			96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
O C	1200	u	70.1	70.2	70 • 2	70.2	,0.0	70.2	70 . 2	70.2	,0.2	70.2	,012	,0.2	,,,,	7012	,0.2	,012
G.F	1000	r I	96. P	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
6 E			96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
6 E			98.5	98.6	98.6	98.6	99.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
G.E			98.6	96.7	98.7	96.7	99.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GF			99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
•		٠,	. , , .	,,,,		,,,,									• .		,,	
G.F	Sea	r I	99.5	99.9	99.9	99.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ÜE			99.5	99.9	90.5	99.9	99.9	99.9	99.9	97.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE			99.5	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 F	2501	C I	99.5	99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200	ci	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	190	e۱	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	107.0	100.0	100.0	100.0	100.0	100.0
Ŀξ	150	nΪ	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	120	01	97.5	99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0		100.0	100.0
ĿĒ	90	r. (99.5	99.9	99.9	94.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65	PL	r)	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	49.9	100.0	100.0	100.0	100.0	100.0	100.0	106.0
GF	701	c I	99.5	29.9	99.9	94.9	99.9	99.9	99.9	99.4	,9.9		107.0				100.0	100.0
G E	601	۲1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	_	•	99.5	99.9	99.9	99.9	99.0	99.9	99.9	99.9	79.9	100.0	100.0	100.0	100.0	100.0		100.0
G E			49.5	99.9	99.9	¢4.9	99.9	99.9	99.9	99.9	99.9	100.6	100.0		100.0	100.0	100.0	100.0
ع ب	301	۱ ٦	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	94.9	190.0	107.0	100.0	100.0	100.0	100.0	100.0
6 F			19.5	99.9	99.9	99.9	99.0	99.9	99.9	99.4	99.9	1,00.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	10	ŭΙ	97.5	99.9	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	,	0 I	97.5	99.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • •	• • • • •	• • •	• • • • • •	•••••	• • • • • •	• • • • • • • •	• • • • •			• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOWRLY OBSERVATIONS

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STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 77-86 MONTH: AUG HOURS(LST): 1800-2000 G VISIBILITY IN STATUTE HILES CEILING GE GE 3 2 1/2 IN } GE FEET | 10 GE GΕ GE GE 5 4 GE GF GE 2 1 1/2 1 1/4 GE 1 GF GF 6 3/4 5/8 1/2 5/16 1/4 a 78.9 78.9 NO CEIL | 78.7 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 78.9 GE 200001 87.2 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 87.3 GE 18001 83.2 GE 16000 89.0 88.3 89.3 89.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 88.3 89.1 89.1 89.1 89.1 89.I 89.1 89.1 89.1 89.1 89.1 GE 140001 90.8 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 GE 120001 94.9 95.0 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.3 95.3 97.1 97.1 98.7 98.7 GE 1000Cl 96.9 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.2 97.0 97.1 97.1 97.1 97.1 97.1 97.1 97.2 90J0| 96.9 80J0| 98.5 70D0| 98.5 97.0 97.1 97.1 97.1 97.1 97.1 97.1 97.2 98.7 98.7 96.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.6 98.7 98.7 98.7 98.7 98.8 98.8 96.7 98.7 98.8 98.6 98.7 98.7 98.8 99.1 99.1 99.1 G F. 60001 98.9 99.1 99.1 99.1 99.1 99.1 99.2 50001 98.9 45001 98.9 40001 99.4 99.1 99.1 99.1 99.1 99.2 99.2 99.2 99.2 99.0 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.L GE 99.1 99.1 99.1 99.1 99.1 99.6 99.8 99.8 99.8 99.8 99.8 99.9 99.8 99.8 99.8 GE 35UN 99.4 30UC 99.4 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99 . R 99.8 99.8 99.8 99.9 99.9 99.9 99.9 100.0 106.0 99.9 GE 25001 99.4 99.6 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 2000| 99.4 99.6 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 99.9 100.0 100.0 GE 99.9 100.0 100.0 GF GE 15001 99.4 99.6 99. P 99.8 99.8 99.8 99.9 100.0 99.8 1200| 99.4 99.6 99.8 99.9 99.8 99.8 99.9 99.9 99.9 99.9 99.9 100.0 100.0 10001 99.4 99.6 99.8 99.0 99.6 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 140.0 100.0 9001 99.4 99.8 99.8 97.9 99.9 99.9 99.6 99.9 99.9 100.0 100.0 9001 99.4 99.9 99.9 99.9 99.9 GF 99.6 99.8 99.8 99.8 99.9 99.9 99.9 130.0 100.0 7001 99.4 99.6 99.8 99.8 99.9 99.9 99.9 100.0 100.0 GF 6001 99.4 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 100.0 100.0 99.6 5001 99.4 99.6 99.6 99.8 29.8 99.9 99.9 99.9 405 39.4 99.8 99.8 99.8 59.8 99.9 99.9 99.9 99.9 99.9 ĹΕ 99.€ 99.9 99.9 99.9 99.9 100.0 106.0 300 99.4 200 59.4 GF 99.8 99.8 99.8 99.8 99.9 99.4 99.9 99.9 99.9 100.0 106.0 GE 99.6 99.8 99.5 99.F 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 99.9 99.9 99.9 100.0 100.0 01 99.4 99.8 99.6 99.9 99.9 99.9 99.9 99.9 100.0 100.0 99.9 99.9 99.9

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VPRSUS VISIBILITY FROM HOURLY OBSERVATIONS

			723865									MONTH	OF REC	HOURS	(LST):	2160-23	00
	LING	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •			IN STAT							• • • • • • • • • • • • • • • • • • • •
		GŁ	GE	GE	GE	Gξ	GE	GE	GF	GE	GE	GE	39	GΕ	GΕ	GΕ	GE
	ET I		6	5	4		2 1/2		1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
		_															
NO	CEIL I	8.58	83.0	83.0	83.0	83.0	83.6	83.0	83.0	83.0	83.0	83.D	83.0	83.0	83.0	83.0	83.U
	200001	000	89.6	89.0	89.0	89.C	89.D	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89 • D	89.0	89 • U
	180001		89.3	89.3	89.3	89.3	89.3	89.3	89.3	69.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	160001		90.0	90.0	90.0	90.D	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	140001		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	120001		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	•																
6E	100001	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
δĒ	90001	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	80001	93.5	98.7	98.7	96.7	98.7	98.7	98.7	96.7	98.7	98.7	98.7	98.7	98.7	98 • 7	98.7	98.7
GE	70001		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.8	98.8	98.8
GE	60001	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	50001	60.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
€E GE	45001		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
6 E	4000		100 · C	100.D	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66	35001		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	30001		170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
•			- /	•		•			• • • • • •		_			-			
6 F	25001	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	2030)	99.6	100.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.C
₽£	18001	99.6	100.0	100.0	100.0	100.0	180.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	1500	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	วินบำน	1 00.0	100.0
GF	1200	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.3	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 F	10001	99.6	100.0	100.0	100.6	100.0	130.6	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 F		59.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	107.0	100.0	100.0	100.0	140.0	100.0
6 E		99.6	100.0	100.0	176.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE	6361	47.6	100 ⋅ €	100.0	100.0	100.0	100.0	100.0	106.0	100.0	100.0	107.0	100.0	100 · ŋ	100.0	100.0	100.0
⊌F.	5001	99.6	100.0	100.0	100.0	100.€	100.6	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
ΘF		99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	160.0	100.0	100.0
GΕ		99.6	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		97.6	170.0	100.0	100.0	100.C	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0
ЬE	1001	99.6	100.0	100.0	196.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65	r i	99.6	100.0	100.0	106.0	100.0	100.6	100.0	100.0	1.0.3	100.0	100.0	100.0	100.0	100.0	100.0	106.0

TOTAL NUMBER OF OBSERVATIONS:

427

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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AIR WEATHER SERVICE/MAC PERIOD OF RECORD: 77-86 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: AUG HOURS (LST): VISIBILITY IN STATUTE MILES IN | GE FEET | 10 GΕ 6E GE GΕ GE GE GE GE GE 3 2 1/2 2 1 1/2 1 1/4 GΕ GE 5 GF 1 6 0 3/4 5/8 1/2 5/16 1/4 NO CETL | 02.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 GF 200001 88.6 98.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 89.3 88.7 89.3 88.7 88.7 89.3 88.7 88.7 89.3 89.3 GE 18000 90.7 GE 14000 92.7 89.3 89.3 89.3 69.3 89.3 39.3 89.3 89.3 89.3 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 92.7 90.2 92.7 90.2 90.2 90.2 92.7 90.2 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 97.0 97.1 98.7 97.0 97.1 97.0 97.1 97.0 97.1 GE 100001 96.9 97.0 97.0 97.0 97.0 97.0 90001 97.0 80001 98.5 97.1 97.1 98.6 97.1 98.6 97.1 98.7 97.1 98.7 97.1 98.7 97.1 98.7 97.1 98.7 97.1 98.7 97.1 98.7 GF 97.1 98 - 7 98.7 98.7 96.8 70601 98.7 98.8 99.8 58.8 98.8 98.8 98.8 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.1 99.2 98.9 99.1 99.1 99.2 99.2 50001 99.1 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.4 99.2 99.3 99.3 99.3 99.3 99.3 GF 4500| 99.1 4000| 99.4 99.2 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.4 99.4 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 99.7 99.8 99.8 99.8 30001 99.5 99.8 99.8 99.8 99.9 5.5 25221 99.5 99.7 90.7 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.B 99.8 99.9 99.9 20url 99.5 99.7 99.9 99.9 G F. 99.8 99.9 99.9 99.9 99.9 99.9 99.8 99.8 99.8 18001 99.5 15001 99.5 99.7 99.8 99.8 99.9 99.9 6 5 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 90.9 99.9 99.9 99.9 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 6 F 100.0 GF 12001 99.5 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1000| 99.5 99.9 99.9 100.0 100.0 100.0 9001 99.5 8001 99.5 99.9 6.5 99.8 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 1.0.0 100.0 100.0 f. F 7001 99.5 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.n 100.0 100.0 100.0 106.0 5001 99.5 99.9 99.9 99.9 100.0 100.0 100.0 100.0 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 6 F 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 4301 99.6 99.5 99.9 99.9 99.9 99.9 170.0 100.0 100.0 100.0 100.0 100.0 100.0 3001 99.6 2001 99.6 6 F 99.8 99.9 99.9 99.9 99.9 100.0 100.0 100.0 160.0 100.0 100.0 100.0 SΕ 99,9 100.0 100.0 100.0 100.0 140.0 100.0 1001 99.6 GE 99.8 99.9 99.9 99.9 170.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 7432

99.8

00.0

00.0

90.0

90.0

90.0

99.9

99.9 100.0 100.0 100.0 100.0 100.0 100.0

CL 99.6

GF

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

5 1 2	ATION NUMBER:	723865	STATI	ON NAME:	NELL	IS AFB	ΝV					OF REC			0000-02	00
		• • • • • • •	•••••	• • • • • • •	•••••	• • • • • • •		BILITY	IN STAT	UTF MIL	 ES	•••••	• • • • • • •	•••••	• • • • • • •	•••••
	IN I GE	GE	GΕ	64.	GE	GE	GE	GE	GE	GE	GE	Gε	GE	GE	GE	GE
	ET I 10	6	5	4		2 1/2			1 1/4	1	3/4	5/8	1/2	5/16	1/4	a
	• • • • • • • • • • • • •													,		
NO	CETL 36.8	96.8	86.8	86.8	86.P	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	80.8
GE	200001 90.3	90.3	90.3	90.3	90.3	9C.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE	180001 →1.0	91.0	91.C	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	160001 91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE	14000 53.8	93.8	93.8	93.0	93.8	93.8	93.8	93.8	93.8	93.8	97.8	93.8	93.8	93.8	93.8	93.8
GE	120001 95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE	10mmml 97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
ЬĒ		97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	8000 98.8	98.8	98.6	98.8	99.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
υF	7000 58.8	98.8	98.8	98.8	98.9	98.9	98.9	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GΕ	60001 99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	50001 99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GF	4530 90.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99 • 6	99.6	99.6
GE	4000 99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
Ģ €	35301 99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	30001 99.9	99.9	99.9	99.9	103.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E	25001 99.9	99.9	99.9	99.9	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G€	2000 99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	109.0	100.0	100.0	100.0	100.0	100.0
GE	1800 99.9	99.9	99.9		103.0	100.0	100.0	100.0		190.0	107.0	100.0	100.0	100.0	130.0	100.0
68	1500 99.9	99.9	99.9	9 4 . 7	100.0	100.0	100.0		1.0.0		100.0	100.0	100.0	100.0	100.0	100.0
€.F	12001 99.9	99.9	99.9	99.9	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65.	10001 99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.6	100.0	100.0	160.0	100.0
GF	99.9	99.9	99.9	99.9	160.0	100.0	100.0	100.0	1.0.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0
GF	Pum 99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	1 40 . 0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	700 99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	6761 86.3	79.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
55	5001 99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	120.0	150.0	100.0	100.0	100.0	100.0	100.0
GE	4001 47.9	99.9	99.5		100.0	100.0	107.0		160.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0
ĞĒ	100 99.9	99.9	99.9		100.0	100.0	100.0		100.0		100.0	100.0	100.0		100.0	100.0
GE	2501 99.9	79.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.6	100.0	100.0	130.0	100.0
GE	1001 99.9	99.9	99.5	99.9	100.0	100.0	100.0		1.0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
٥٤	1) 49.9	99.9	99.9	99.9	167.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

. 4

100.0

100.0

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 76-85 MONTH: SEP HOURS(LST): 0300-0500 TLING VISIBILITY IN STATUTE MILES CEILING IN | GE FEET | 10 VISIBILITY IN STATUTE MILES

GE GE GE GE GE GE

6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 GΕ GE GE 5/8 1/2 5/16 1/4 0 NO CETL | 67.0 87.0 87.0 87.0 87.0 87.U 87.0 87.0 H 7 . 0 87.0 87.0 87.0 87.0 87.0 87.0 87.0 6E 20000| 90.2 6E 18000| 91.0 6E 16000| 92.0 6E 14000| 94.4 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 91.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.0 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.4 120001 96.1 96.1 96.1 96.1 96.1 96.1 6E 100001 97.7 97.7 97.7 97.7 97.7 97.7 97.8 97.7 97.6 97.8 97.8 97.8 1s F 90001 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8 80001 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 99.4 G.E 70001 99.6 99.6 99.6 94.6 99.6 99.6 99.6 99.6 49.6 99.6 99.6 99.6 99.6 99.6 99.6 60001 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 G F 50001 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.6 99.8 99.8 99.8 99.8 ĜΕ 99.8 99.8 79.8 99.8 99.8 45001 99.8 40001 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 GE 99.8 65 30001100.C 100.0 183.0 100.0 100.0 100.0 100.0 100.0 140.0 100.D 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1,5 25arl 100.0 100.0 100.0 107.2 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 20071100.0 100.0 107.0 100.0 100.0 GE 100.0 100.0 ino.o 100.0 100.0 170.0 100.0 19001100.0 100.0 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF. 1500 100.0 170.0 100.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 12001100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 GF 10301160.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 120.0 100.0 100.0 G E 9001100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 1.0.0 100 · C 100.0 100.0 100.0 100.0 100.0 100.0 8001100.0 100.0 100.C 100.0 100.0 100.0 190.6 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 100.0 zoni troin โกก ก 100.0 100.6 100.0 100.0 100.0 100.0 103.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 100.0 100.6 100.0 103.0 130.0 100.0 100.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5001100.0 100.0 100.0 100.0 100.0 ů E 100.0 100.0 100.0 1.0.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 400|100.0 300|100.0 100.0 100.0 100.6 100.0 100.3 100.0 100.0 100.0 100.0 120.0 107.0 100.0 100.0 100.0 100.0 100.0 160.0 GF. 170.0 100.3 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.n 100.0 2001100.0 106.0 100.0 100.0 100.0 190.0 100.9 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF UBSERVATIONS:

100.0

100.0

100.0

96.0

100.0

100.0

100.0

103.0

01100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0 100-0

160.0

170.0

107.0

100.0

100.0

100.0

15/1100.0

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PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VFRSUS VISIBILITY FROM HOURLY OBSERVATIONS

ST	ATION NUMBER:	723965	STATI	ON NAME:	. NELL	IS AFE	N¥				PEPIOD	OF REC			060 <u>n</u> -08	00
• • •			• • • • • •													• • • • • • • • • • •
CE:	ILING							BILITY								
	IN GE	GE	GE	Ct	GE	GE	GE	GE	GΕ	GE	GE			GE	GE	GE
F	EET 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	o
			<i>.</i>			• • • • • • •	• • • • • • •									
NO	CEIL 82.6	82.6	82.6	82.6	82.€	82.6	82.6	82.6	a2.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE	200301 86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GF	180001 87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	×7.4	87.4
	160001 88.9	88.9	88.9	R & . 9	88.9	88.9	88.9	88.9	68.9	88.9	88.9	88.9	88.9	88.9	.8.9	86.9
6 F	140001 92.7	92.7	97.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
6 F	120001 95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
(»F	100001 96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
	900Cl 97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	80001 99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	70001 99.2	99.2	99.2	94.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	60001 99.8	79.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.B	99.8	99.8	99.8	99.8	99.8
٠.	000 /1 //00	.,,,	,,,,	, , .	,,,,	,,,,	,,,,	, ,	,,,,		,,,,	,,,,	,,,,	,,,,		,,,,
6 F	50001 99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	45001 99.8	99.8	99.8	99.8	99.6	99.6	99.8	99.8	19.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	4.001100.0	100.0	100.0		100.0	106.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0
υF	35301100.0	130.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
GF	300[100.0	100.0	100.0		100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	102.0	100.0
•	3. 0() . 001 3	.,,,,,	10000	*00•0	10010	100.0	100.0	100.0	10010	10000	100.0	100.0	100.0		10340	
6.5	2500 100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 F	onariaco.r	100.0	130.0	100.0	100.0	150.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
3.0	19Ur 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	140.0	100.6	100.0	100.0	100.0	100.0	100.0	106.0
GE			100.0		100.0	100.0					100.0		100.0	100.0		100.0
6 F		100.6	100.0		100.0			100.0								
							_	• • • •			•	•			-	
G.F	10001100.0	100.0	100.0	100.0	100.0	100.0	100.0	120.3	100.0	100.0	107.0	100.0	130.0	100.0	100.0	106.0
GE	9201160.0		100.0		100.0			100.0				100.0	100.0	100.0		100.0
GF	8001100.0		100.C		100.0			100.0					100.0	100.0		100.0
GΕ		100.0	100.0		100.0	100.0		100.0		100.0		100.0	100.0	100.0		100.0
υE			100.0		100.0			100.0			100.0		100.0		130.0	
•						10000			100.0	1	100	100.0	10010	10000		
6 F	500[100.0	100.0	130.0	100.0	100.0	160.6	100.0	100.0	155.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	4 00 1 133.0	100.0	100.0	100.0	100.0			100.0					100.0	100.0	100.0	100.0
GΕ	300 100.0	100.C	100.0		100.0			100.0					100.0	100.0	100.0	100.0
GE	2001100.0	-	100.E		107.0			100.0					100.0	100.0		100.0
GE	100 100.0	100.0	100.0		100.0			100.0					100.0			100.0
	,		. 4002		-0040	-00.0		_00.0	.03.0	. ,,,,,		100.0	.00.0	200.0		
GE	n.sut n	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	. 70.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF GCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	ATION NUMBER:	723865	STATI	ON NAME:	. NELL	IS AFB	NV				PERIOD	OF REC	ORD: 76	-85		
_			-	_			•				MONTH	: SEP	HOURS	(LST):	0900-11	00 .
		• • • • • •		• • • • • • •			• • • • • •		• • • • • •	• • • • • • •		• • • • • •				
	LING				_				IN STAT							
	IN GE	ĢĒ	GŁ	6!	ſξŁ	G€	σE	GE	GE	GE	GE	GE	GE	GE	GE	G E
-	ET 10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
• • •	• • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	8.56 1133	82.8	82.8	82.0	62.6	82.8		82.8	62.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
NI ()	CE1C 1 25.40	02.5	52.0	82.8	64.6	82.8	82.8	82.0	04.0	0440	02.0	02.0	02.0	02.0	04.6	02.0
6.5	200001 83.4	88.4	88.4	A 5 . 4	88.4	88.4	88.4	88.4	8.4	A8.4	88.4	88.4	88.4	88.4	68.4	88.4
	180001 69.0	69.4	89.5	89.0	2.98	89.0	89.0	87.0	69.0	P9 • D	89.0	89.0	89.0	89.3	89.0	89 · O
	160001 89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
υF	140001 94 3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
υE	12000 95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
ЬE	100001 96.0	96.D	96.C	96.6	96.0	96.0	96.0	96.J	96.C	96.D	96.0	96.0	96.0	96.0	96.0	96.4
	90001 96.2	96.2	96.2	96.2	96.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96 • 2	96.2	96.2	96.2
G E		98.2	90.2	98.2	98.2	98.4	98.2	98.2	98.2	98.2	99.2	98.2	98.2	98.2	98.2	98.2
	7000 98.6	98.6	98.6	95.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.0
Ú.F	60001 99.3	99.3	90.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
5 6	50001 49.9	99.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
ωE	45001 99.9	79.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GF	4000 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GF.	35001 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	30001 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
G.F	25001160.0	100.6	10n.r	100.0	140.0	196.0	100.0	100.0	130.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G C	20001100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	1.0.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
ن ت	1600 100.0	100.0	100.0	100.0	100.6	106.0	100.0	100.0	100.0	100.2	100.0	100.0	100.0	100.0	100.0	100.0
56	1537 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	142:0	inn.n	100-0	100-0	100.0	100.0	1 40.0	100.0
5.5	1200 160.0	130.0	100.0	106.6	100.0	100.6	100.0	100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
51	10501163.0	100.0	100.0	100.0	100.3	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
G.F	9001100.0	100.0	100.0	10.00	100.2	100.0	100.0		1.00.0		100.0	100.0			100.0	106.0
ψĹ	PC: 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CE	7501160.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GF	600 100.0	100.0	100.0	100.0	160.0	100.0	100.3	106.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0
:, 1	50 0 1 00.0	100.0	100.0		160.3	100.0		100.0		100.0	107.0	100.0	100.0	100.0	100.0	100.0
U.F.	40[]100.0	100.0	100.0		100.0	100.0	100.0		100.0	176.5	100.0	100.0	100.0	100.0	100.0	100.0
GE	30 ml 100 • 0	170.0	100.0		100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
6.5	2001100.F	130.0	130.0	100.0	100.0	130.0	100.0		100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GF	1661157.5	100.0	100.0	100.0	100.0	100.0	100.0	100.5	1.0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	0 160.0	100.0	100.0	190.6	100.0	100+0	100.0	100.0	150.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER:	-									PERIOD MONTH	OF REC	HOURS	(LST):	1200-14	
CEILING	• • • • • • •	• • • • • •					BILITY						• • • • • •	•••••	
14 St	GΕ	GĒ	ú.f	GE	GE			SE			GE	GE	GE	GΕ	GE
FEET 1 1G	6	5	۷.		2 1/2						5/8		5/16	1/4	0

					•									•	
NO CEIL 78.6	78.6	78.6	78.6	78.6	76.6	78.6	70.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 200001 67.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
65 18000 a7.8	87.8	87.8	87.8	87.8	87.5	87.8	87.8	07.8	87.8	67.8	87.8	87.8	87.8	87.8	87.8
uf 160001 68.3	88.3	88.3	8 t • 3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88 • 3	88.3	88.3
65 146601 93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 120001 94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
				•											
65 107001 95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 90001 95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 80001 98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
UE 7908 59.9	98.9	98.9	98.9	98.9	98.9	98.9	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 60001 99.8	99.8	99.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 5000 99•9	99.9	99.9	99.9	99.9	99.9	99.9					100.0				100.0
GE 45001 99.9	99.9	99.9	99.9	99.9	99.9	99.9		103.0			100.0	100.0	100.0	100.0	100.0 100.3
GE 4000 99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0		100.0		100.0	130.0	100.0	100.0	
GE 35001 49.9	99.9	99.9	9 4 . 9	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0		106.0
GE 30001 99.9	99.9	99.5	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
un 25001 92.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	ដែល.ប	:00.0	100.0	100 0	100.0	100.0	100.0	105.0
GF 20001 99.9	99.9	79.9	99.9	99.9	99.9	99.9		1.0.0					100.0	160.0	106.0
OF 18url 99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0			100.0	100.0	100.0	100.0	106.0
ur 15ani 99.9	99.9	99.0	94.9	99.9	79.9	99.9		100.0			100.0	130.0		100.0	100.0
GF 12501 99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0			100.0	100.0		100.0	106.0
					•										
UF 18UF 49.9	99.9	99.5	99.9	99.9	99.9	99.9	100.0	100.0	170.0	100.0	100.0				
95 966 43.9	99.4	99.9	99.9	99.9	99.9	99.9		0•נישו		107.0	100.0	100.0	100.0	100.0	100.0
6F #20 1 99.9	99.4	99.9	99.7	99.9	26.6	99.9		103.6		100.0	100.0	103.0	100.0	100.0	100.0
6F 7601 99.5	79.9	99.9	99.9	99.9	99.9	99.9		100.0			100.0				100.0
SF 4001 99.9	79.9	99.9	99.9	99.9	99.9	97.9	100.0	130.0	100.3	100.0	100.6	100.0	100.0	100.0	100.0
SF 5001 49.9	99.9	99.9	97.9	49.9	59.9	99.9	100.6	130.0	170.6	100.0	100.0	100.7	100.0	160.0	100.0
6E 401 39.9	99.9	99.9	95.5	99.9	99.9		100.0						100.0	100.0	100.0
GE 3001 19.9	29.9	99.9	94.9	99.9	99.9	99.9		100.0			100.0	100.0	100.0	140.0	100.0
65 3671 99.9	99.4	99.9	04.4	29.9	99.9	99.7		100.0			100.0	100.0	100.0		100.0
GF 1301 99.9				99.9	26.9	99.9		100.0			100.0	100.0	100.0		100.0
	94.9	99.9	99.9	77.7										100.0	100.0
					•								-	_	
00 nl 99.9	99.9	99.9	99.9	97.9	94.4		100.0				100.0	100.0	100.0	100.0	

TOTAL NUMBER OF GREENVATIONS: 200

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VEHSUS VISIBILITY FROM HOURLY OBJERVATIONS

PERIOD OF RECORD: 76-85 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: SEP HOURS(LST): 1500-1700 ST. VISIBILITY IN STATUTE MILES CEILING IN | SE FEET | II VISIBILITY IN STATUTE MILES

GE GF GL GE GE GF GE GE

5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 ĞE)E tı GE 0 1/2 5/16 10 5/8 1/4 NO CETE | 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77.4 77-4 77.4 77.4 77.4 77.4 77.4 GF 200001 €7.€ 87.8 87.8 87.8 87.8 87.9 87.8 88.3 87.8 87.8 88.3 87.8 87.8 67.8 87.8 87.8 87.8 87.8 GE 1800C| 68.3 GF 1600C| 69.2 GE 1400C| 92.6 86.3 88.3 88.3 88.3 88.3 88.3 88.5 08.3 88.3 88.3 A8.3 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.2 92.6 99.2 89.2 89.2 92.6 89.2 89.2 89.2 89.2 92.6 92.6 92.6 92.6 92.6 92.6 GE 120001 94.2 94.2 94.2 GF 100001 96.0 GE 90001 96.3 GE 80001 98.8 GE 70001 98.9 96.0 96.0 96.0 96.7 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.3 98.8 96.3 96.3 98.8 96.3 98.8 96.3 93.8 96.3 96.3 96.3 96.8 96.3 96.3 98.8 96.3 96.3 96 • 3 98 • 8 96.3 98.8 96.3 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 y8.9 98.9 98.9 98.9 98.9 6000 99.7 ĢF 5000 99.8 4500 99.8 4000 99.8 3500 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 G E 99.8 S E G F 99.8 99.8 99.8 99.8 99.d 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 97.8 99.6 99.8 99.8 49. B 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 100.0 G F 99.6 99.6 99.8 99.6 104.0 100.0 100.0 100.0 100.0 100.0 25601 99.8 99.5 99.8 99.8 99.8 100.0 100.0 100.0 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 20001 99.8 18301 99.8 99.8 99.8 99.6 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 G.F. 100.0 140.0 100.0 107.0 100.0 100.0 100.0 100.0 6 15061 99.8 99.8 100.0 100.0 99.8 ъE 12001 99.8 99.8 99.8 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 180.0 100.0 100.0 180.0 1000| 99.8 900| 99.8 800| 99.8 700| 99.8 99.6 79.8 100.0 GF 99.8 97.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 97.5 99.8 99.8 ŝ٤ 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.3 99.5 99.8 99.8 99.8 99.8 GF 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 99.8 υE 99.8 100.6 100.0 100.0 100.0 100.0 100.0 100.0 107.0 100.0 40ml 99.8 99.8 100.0 100.0 100.0 190.0 100.0 100.0 100.0 99.8 99.8 100.0 100.0 160.0 99.8 99.5 130.0 100.0 99.8 140.0 100.0 100.0 ٥£ 400 99.8 99.8 99.8 99.8 99.0 99.8 99.8 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 29.8 100.0 99,8 100.0 100.0 l, F 2301 97.8 99.8 99 . E 99.6 99.0 99.6 99.8 100.0 100.0 100.0 100.0 100.U 100.0 100.0 100.0 100.0 99.8 99.8 GF 99.8 99.8 99.8 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 21 97.8 G F 99.8 99.8 99.6 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFRSUS VISIBILITY FROM HOUPLY OBSERVATIONS

AIR WEATHER SERVICE/MAC

							IS AFB					MONTH		HOURS	(LST):		0 0
	LING	• • • • • •	• • • • • •			• • • • • •	• • • • • • •			IN STAT			•••••	• • • • • • •	•••••	•••••	
	IN I	GE	GΕ	GE	G F	GE	GΕ	GΕ	· GE	GE	GE	GE	GE	6E	GE	GE	6E
	.ET 1		6	5			2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
•••	• • • • • •	•••••	• • • • • •		• • • • • • •	•••••	• • • • • • •	• • • • • • •	•••••			•••••	•••••	• • • • • •	•••••	•••••	
N O	CEIL	80.9	80.9	80.9	86.9	80.9	80.9	80.9	80.9	40.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE	200001	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE	180001	89.6	89.6	89.8	89.6	89.8	89.6	89.8	89.8	89.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE	160001	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GΕ	140001	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
ĿΕ	120001	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95 • 6	95•6	95.6	95.6
GF	100001	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	90001	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE	8700	98.3	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GΕ	70001	98.3	98.3	98.6	98.6	98.6	98.6	98.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE	60301	99.C	99.D	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	scool	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	45001		99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	40001		99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
G E	35001		99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE	3000l		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	25001	00.7	99.7	99.9	99.3	99.9	99.9	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	200 nl		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E	18001		99.7	99.9	99.9	99.9	99.9	100.0	100.0	1.3.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
GE	15001		99.7	99.9	99.9	99.9	99.9	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	12001		99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0
O r.	12011	77.1	77.1	77.7	,,,,,	,,,,	77.7	100.0	100.0	100.0	100.0	100.0	100.0	10010	100.0	100.0	100.0
GE	10001	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	105.0
GE	900	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	400	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĢΕ	730	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GΕ	60 c l	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	sael	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF		99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G F.		99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF		99.7	99.7	99.9	99.9	99.9	99.9	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G.F		99.7	99.7	99.5	99.9	99.9	99.9	100.0	100.0			107.0		100.0		100.0	100.0
O.L	* U · 1	,,,,	7,01	, , , ,	. , , ,	,,,,	,,,,	100.	100.0	100.0	100.0	10.1.0	100.0	103.0	100.0	100.0	

6E C1 99.7 99.7 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 90 C

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85

MONTH: SEP HOURS(LST): 2100-2300 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV VISIBILITY IN STATUTE MILES
GE GE GE GE
2 1 1/2 1 1/4 1 CEILING IN | SE FEET | 1 GE, GE GE GE 4 3 2 1/2 GE 10 6 5 3/4 5/8 1/2 5/16 1/4 0 NO CEIL | 86.6 86-6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 86.6 GE 20000| 90.3 GF 18000| 90.9 GE 16000| 91.0 90.3 90.9 9J.3 9D.9 90.3 90·3 90·9 90.3 7.10 96.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 91.0 91.0 91.0 91.0 94.3 91.0 91.0 91.0 94.3 91.0 91.0 91.0 91.0 94.3 91.0 91.0 94.3 91.0 91.0 140001 94.3 94.3 95.9 GE 120001 95.9 95.9 95.9 95.9 95.9 95.9 95.9 95.9 97.2 97.2 GE 100001 97.2 97.2 97.2 97.3 97.2 97.3 97.2 97.2 97.2 97.2 90301 97.3 97.3 98.8 97.3 97.3 97.3 97.3 97.3 97.3 97.3 98.8 97.3 GE 97.3 97.3 97.3 98.8 8000 98.8 7000 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98 . 8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 6 E 98.8 96.8 98.8 98.8 98.8 98.8 98.8 99.6 99.6 99.6 99.6 50001 99.7 45001 99.7 99.7 GΕ 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 ĞE 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 40001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF. 100.0 3500|100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 6 E 30001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 6 F 25001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 20001100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 18001100.0 G F 100.0 100.0 100.0 100-0 100.0 100.0 100.6 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 1500| 100.0 100.0 100.0 107.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 100.0 1200 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 9001100.0 100.6 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 1 0 0 a D 106.0 GF 8301100.0 100.0 100.C 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 7001100.0 GE 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 6001162.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5001100.0 100.0 100.0 GE 100.0 100.C 100.0 100.0 100.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 460|100.0 100.0 10C.L 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 300|103.0 GF 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.u 100.0 100.0 100.0 100.0 6 E 1001140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 107.0 106.0 GF

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

MONTH: SEP HOURS(LST): ALI	
CEILING VISIBILITY IN STATUTE MILES	
	c.t
· · · · · · · · · · · · · · · · · · ·	GE D
FEET 10 6 5 4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 5/8 1/2 5/16 1/4	
	• • • • • • • • • • • • • • • • • • • •
NO CEIL 82.8 92.8 82.8 82.8 82.8 82.8 82.8 82.8	82.8
GE 200001 89.7 88.7 88.7 88.7 89.7 86.7 88.7 88.7 88.7 88.7 88.7 88.7 88	88.7
GE 18030 89.4 89.4 89.4 89.4 89.4 89.4 89.4 89.4	
GE 1600C 90-1 90-1 90-2 90-2 90-2 90-2 90-2 90-2 90-2 90-2	
GE 1400C 93.6 93.6 93.6 93.6 93.6 93.6 93.6 93.6	93.6
GE 12000 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3	95.3
GE 1UOOC 96.7 96.7 96.7 96.7 96.7 96.7 96.7 96.7	96.7
GE 90JC 96.8 96.8 96.9 96.9 96.9 96.9 96.9 96.9	96.9
GE 67001 93.7 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98	98.8
GE 70J0 99.9 98.9 98.9 96.9 98.9 98.9 98.9 98.9	98.9
GE 6030 99.5 99.5 99.5 99.5 99.5 99.6 99.6 99.6	99.6
GF 5000 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.	99.7
6E 450N 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.	
GE 4FOC 99.8 99.8 99.8 99.4 99.9 99.9 99.9 99.9	
GE 35Jn 99.8 99.8 99.8 99.4 99.9 99.9 99.9 99.9	
GE 3CDC(99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0
GF 2500 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0
GE 2010 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	
6F 1836 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	
GE 15301 44.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0	
6E 12wN 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 1wU.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0
LE 100N 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0
65 2001 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0
- UF PUST 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0
	100.0
6E 6CA 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0
6E 507 79.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0
6F 4501 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 153.0 100.0 100.0 100.0 100.0 100.0	100.0
- BE 3UC 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	
	100.0
GF 1Url 99.9 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	100.0
GE 01 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

			KATCELUM														
STA	NOITA	NUMBER	: 723865	STATI	ON NAME:	NELI	LIS AFB	NV				PERIOD MONTH	OF REC			0000-02	00
• • •																	
CEI	ILING								IBILITY								
1	IN	i GŁ	5€	GE	6 £	GE	GE	GE	GE	GE	GE	GΕ		GΕ	GE	GE	GE
FL	.E.T	1 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
• • •	• • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	••••••
									077		87.7	87.7	87.7	87.7	87.7	87.7	67.7
ΝŲ	CEIL	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	01.1	0	01.1	01.1	01.1	01.1	D / • /
GE	20001	31 91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GΕ	1800	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE	1600	01 42.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GΕ	1403	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95 . €	95.6	95.6	95.6
GE	1200	95.9		96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
											97.7			97.7	97.7	97.7	97.7
		0 97.4 0 97.5		97.6 97.7	97.6 97.7	97.6	97.6 97.7	97.7 97.8	97.7 97.8	97.7 97.8	97.8	97.7 97.8	97.7 97.8	97.8	97.8	97.8	97.8
		0 99.8							99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
		DI 98.8		99.0 99.0	94.0	99.0	99.0	99 • 1 99 • 1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
					99.0	99.0	99.0			99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
υŁ	6031	01 99.5	99.7	99.7	99.7	99.7	39.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	44.8	97.8	77.8
GE	500	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE	4501	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ЬĒ	400	7 99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ĠΕ	3501	1 99.7	99.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	3031	1 99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υĘ		nl 99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	150.0	100.0	100.0	100.0		100.0	100.0	100•0
υF		99.7		99.9	99.9	99.9	99.9	100.0		100.0			100.0		100.0	100.0	
65		99.7		99.9	99.9	99.9	99.9	100.0		100.0		100.0		100.0	100.0	100.0	100.0
6 F		99.7		99.9	99.9	99.9	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0
G F		71 99.7		99.9	99.9	99.9	99.9	100.0		100.0			100.0	100.0	100.0	100.0	100.0
U į	1.0	11 99.1	77.7	99.9	49.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	103	01 99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0
GE	901	0 99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	ان ع	면 99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G۶	731	99.7	99.9	99.9	99.4	99.9	99.9	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	60	01 99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100+0	100.0	100.0	100.0	100.0	100.0
ij£	gn.	01 99.7	99.9	99.9	99.9	99.9	99.9	100.0	130.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF.		G 99.7		99.9	99.9	99.9	99.9	100.0		100.0	100.0			100.0	100.0	100.0	100.0
6 E		01 99.7		99.9	99.9	99.9	99.9	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
6 F.		01 99.7		99.9	99.9	99.9	99.9	100.0		140.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
G E		n 99.7		99.9	99.9										100.0		100.0
o t.	10	1.1 34.7	79.9	94.9	44.4	₹9.0	79.9	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E		1 99.7	39.9	99.5	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1 J0 . 0	106.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

S 1 #	ATION NUMBER:	723865	STATI	ON NAME:	. NELL	IS AFB	NY PERIOD OF RECORD: 76-85 MONTH: OCT HOURS(LST): 0300-0500									
• • •		•••••	• • • • • • •		• • • • • • •							• • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •
	IL INS						A 1 2 1		IN STAT				_	_		
	IN I GE	GE	GL			GE				ΘE	GE		GΕ	GE	GE	G€
	ET 10	6	5			2 1/2		1 1/2		_	3/4		1/2	5/16	1/4	0
• • •		• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • •		•••••	• • • • • • •	•••••	• • • • • • •	•••••	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
	CEIL 86.6	86.6	86.6	0 - 4	٠		0.4				04.4					• • •
NU	CELE 1 80.6	80.0	80.6	Bo.6	85.6	86.6	86.6	86.6	46.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	200001 91.7	91.7	91.7	91.7	91.7	91.7	91.7	0. 7			01.7	01.7		0. 7		
	180001 92.2	92.2	92.2	92.2	92.2	92.2	92.2	91.7 92.2	91.7 92.2	91.7 92.2	91.7 92.2	91.7 92.2	91.7 92.2	91.7 92.2	91.7 92.2	91.7 92.2
	160301 92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6			
	140001 95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	92.6 95.4	92.6 95.4	92.6 95.4
	12000L 95.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1		96 • 1	96.1	96.1				
G F	120001 45.1	40.1	75.1	46.1	40.1	AP • 1	90.1	96.1	96.1	46 • 1	40.1	40.1	96.1	96.1	96.1	96.1
GF	100001 93.0	98.0	98.0	98.6	98.0	98.D	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	90001 99.1	98.1	98 • 1	98.1	98.1	98.1	98.1	98.1	98.1	98 • 1			98.1	98.1	98.1	98.1
	acun 99.6	99.6	99.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6		99.6	99.6	99.6	99.6	99.6
	70001 99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	60001100.0	100.0	100.0	100.0	100.7	100.0	100.0	100.0			100.0					100.0
0 .	0000110010	13010	190.0	1000	100.	100.0	100.0	100.0	103.0	11,000	100.0	100.0	100.0	10010	100.0	700.0
6 F	500 cl 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0
GΕ			100.0		100.0	100.0	100.0		100.0				100.0	106.0	100.0	100.0
GE	40001100.0	100.0	100.0		100.0	100.0	100.7		100.0				100.0	100.0		100.0
GE	35001110.0	198.8	100.0		160.0	100.0	100.0		100.0						100.0	
GF	30uc 100.0			190.0					100.0						100.0	
	• • • • • • • • • • • • • • • • • • • •								10010		10,00		10010			
GE	25001100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	20001103.0	100.0	100.0	100.0	100.0	100.0			100.0				100.0		100.0	
GE	18301130.0	100.0	100.0	100.0	100.0	100.D			100.0				100.0		100.0	
G.F	15001100.0	100.0	100.0	100.0	100.0	100.0	100.0		130.0					100.0		
GE	12301130.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0							
											••••					42000
GF	10001100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UΕ	9001100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0		100.0	100.0	
ĠΕ	9801100.0	100.0	100.0	100.0	107.0	100.0	100.0		100.0			100.0		100.0	100.0	100.0
υĒ.	730 100.0	100.0	100.0	100.6	100.0	100.0	100.0		100.0			100.0	100.0	100.0	130.0	100.3
6 F	636 100.0	100.0	100.6	100.0	100.0	100.0	100.0		100.0					100.0		
												•				
G.E.				100.0		100.0			100.0				100.0	100.0	100.0	100.6
GF	4301150+0	100.0	10C • C	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			100.0		100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65			100.C		100.0	100.0		100.0	140.0	100.0	100.0	100.0			100.0	100.0
GΕ	1001100.0	100.0	100.0	100.0	100.0	106.0	100.0		100.0							
					-											
GE	n# 100.0	100.0	100 . €	100.0	100.0	100.6	100.0	106.0	133.0	100.6	100.0	100.0	100.0	190.0	100.0	100.0
		• • • • • • •	• • • • • •									• • • • • • •				

TOTAL NUMBER OF OPSERVATIONS:

930

PERCENTAGE FREQUENCY OF GCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

1 .

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 76-85
MONTH: OCT HOURS(LST): D600-0800 VISIBILITY IN STATUTE MILES CEILING GE 1 CEILING IN | GE FEET | 10 6 Ę 4 GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GE 6 5 3/4 5/8 1/2 5/16 1/4 O 83.7 83.7 83.7 83.7 NO CETL 1 83.7 83.7 83.7 83.7 63.7 83.7 63.7 83.7 83.7 83.7 83.7 83.7 90.6 90.9 91.1 P* 000001 90*9 90.6 90.6 90.6 90.6 90.6 90.6 90.6 90.9 91.1 90.6 90.9 91.1 90.6 90.9 91.1 90.6 90.6 90.6 90.6 90.6 GE 180001 90.9 GE 160001 91.1 90.9 91.1 90.9 90.9 90.9 90.9 90.9 90.9 91.1 90.9 90.9 90.9 GE 140001 93.3 93.3 93.3 GE 120001 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3 GE 10000| 97.1 GE 9000| 97.4 GE 8000| 99.0 GE 7000| 99.1 97.1 97.4 99.0 97.1 97.4 99.0 97.1 97.4 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.4 97.4 99.0 97.4 99.0 97.4 97.4 97.4 99.0 97.4 97.4 97.4 97.4 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.2 99.1 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 50001 99.4 45001 99.5 99.8 99.8 99.9 99.8 99.6 99.8 99.8 99.8 99.8 99.8 99.8 GE 99.8 GE 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 4000 99.5 99.7 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 354Pl 99.5 99.7 93.4 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 25001 99.5 99.7 100.0 10C.D 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 20001 99.5 99.7 99.9 100.0 100.0 100.0 100.0 GF 09.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 6 E 100.0 100.0 100.0 100.0 100.0 100.0 100.0 15001 99.5 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ÚΡ 12001 99.5 99.7 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 99.9 99.9 G F 1000L 99.5 99.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 906| 99.5 906| 99.5 906| 99.5 99.7 99.9 100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 £301 99.5 99.7 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5001 99.5 4001 99.5 3001 99.5 2001 99.5 6 E 6 E 99.9 99.7 99.9 100.0 100.0 100.0 100.C 100.0 100.0 99.7 99.7 99.7 99.9 99.9 99.9 100.3 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 GE 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 99.9 GE 100.0 100.0 100.0 100.0 148-0 100.0 100.0 100-0 100.0 100.0 140.0 100.0 10CL 99.5 100.0 100.6 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

S.T.	ATION	NUMBER	: 723865 STATION NAME: NELLIS AFB NV							PERIOD OF RECORD: 76-85							
												MONTH	1: OCT	HOURS	(LST):	0900-11	.00
			• • • • • • • •	• • • • • •	• • • • • • •	• • • • • •	• • • • • •						• • • • • •	• • • • • • •	• • • • • •		• • • • • • • • • • •
	IL ING									IN STAT							
	IN EE F	GE 10		GE 5	GE 4	GE		GE	υF	GE	6E .	GE	GΕ	GE	GE	GE	GE
			-				2 1/2		1 1/2		1		5/8	1/2	5/16	1/4	٥
• • •	• • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •		• • • • • • •	• • • • • •		• • • • • •	• • • • • • •	•••••		•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
N.O	CETI	1 64.0	84.0	84.0	84.0	0.0	04.5	04 0	0.0	0	a c			0			
18 17	CELL	1 64.0	74.0	84.0	04.0	84•∩	84.0	84.0	84.0	84.0	84.C	84.0	84.0	84.0	84.0	84.0	84.0
ſ. F	2000	01 92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
		01 92.7		92.1	92.7	92.7	92.7	92.7	92.7		92.7	92.7	92.7	92.7	92.7	92.7	92.7
		CI 92.8		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
		rl 95.1		95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
		PI 96.5		96.5	96.5	96.5	96.5	96.5	96.5	76.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
•	1200	. , , , , ,	,0.5	,0,5	,0.5	70.7	,0.5	70.7	,0,5	,0.5	70.3	70.3	7043	70.3	70.5	40.0	76.5
6 F	1900	21 97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
		01 98.1		99.2	98.2	98.2	96.2	98.2	98.2	98.2	98.2	94.2	98.2	98.2	98.2	98.2	98.2
G F	anu	C1 99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
G.F	700	CI 99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE	673	71 79.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
														,,,,,			,,,,
6 F	shu	CI 99.4	99.8	99.8	99.6	99.6	99.R	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
(, =	456	ni 99.4	99.8	99.8	99.8	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
5 F	4°U	C 59.4	99.8	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GΕ	350	21 92.4	99.8	99.8	99.8	70.R	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
ĿΕ	3 P U	01 y9.4	79.8	99.8	99.4	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G.F.		01 19.4	99.8	99.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
U.F		n 99.4	99.8	99.8	99.9	100.0				100.0			100.0	100.0	100.0	100.0	100.0
ة با		~ 4 44.4	99.8	99.8		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 E		r 99.4	99.8	90.8	99.9	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	170	CI 99.4	93.8	99.8	94.9	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	106.0
GF		01 99.4	99.8	99.8	99.9	100.0				100.0		100.0	100.0	100.0	100.0	100.0	100.0
ĿĘ		C 43.4	99.8	99.8	94.9	100.C				100.0		100.0	100.0	100.0	100.0	100.0	100.0
υF	_	r 49.4	99.8	99.5	99.9	100.0				100.0				100.0	100.0	100.0	100.0
ωF		C 99.4	۶۶.٤	99.8	96.9	100.0				100.0				100.0	100.0	100.0	100.0
6 F	60	마 97.4	99.8	99.8	99.9	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ÚΕ		ri 99.4	99.8	99.5		100.0				100.0				100.0	100.0	130.0	100.0
GΕ		1 49.4	99.8	99.8		100.0	100.0		100.0		100.0			100.0	100.0	100.0	100.0
υE		0 97.4	79.8	99.8		100.0	100.0			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
U€.		7 99.4	79.6	34.1	30.3	100.0				100.0					100.0		100.0
GE	Is	r 99.4	99.8	99.8	99.9	169.0	100.0	100.0	100.0	100.0	100.0	100.5	100.0	100.0	103.0	100.0	100-0
, ,		r.i															
GF		r 99.4	99.8	99.6					100.0	130.0	100.3	100.0	100.0	100.0	100.0	100.0	100.0
• • •	• • • •	• • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •		• • • • • •						• • • • • • •			• • • • • • •	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB N												PEPIOD OF RECOPD: 76-85 MONTH: OCT HOURS(LST): 1200-1400						
	LING	•••••	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •			1N 57ATI			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •	
FE	IN I	6F 10	6 E	GE 5	6 E 4		GE 2 1/2	GE 2	GF 1 1/2	GE 1 1/4	GE 1	GE 3/4	5/8	GE 1/2	GE 5/16	GE 1/4	G E O	
•••			•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • •		•••••	• • • • • • • • • • • • • • • • • • • •	
N O	CEIL !	81.2	91.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
GE	200001	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
GE	180001	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	¥3.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
	160001		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
	14000		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
CE	15000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
GF	100001	98.1	98.2	98.3	96.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	
GE	9000	99.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.6	98.6	98.6	98.6	98.7	98.7	
G.F	80001	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	
33	7000		99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	
GΕ	60001	39.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	
GΕ	500 01	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
GF.	4500	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
GΕ		99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9,9	100.0	100.0	
ĢΕ		99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	180.0	
GF	10001	39.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
GF.	25491	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
GE	2000	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
GΕ	1800	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
6 E		99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	130.0	106.0	
GĘ	1200	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9	100.0	100.0	
6 E	10001	99.6	39.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	106.0	
υE	9001	99.6	99.8	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
GE	8001	99.6	9.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
υF	730	99.6	99.8	99.9	99.9	99.9	99.9	99.9	94.4	99.9	99.9	94.9	99.9	99.9	99.9	100.0	106.0	
GE	60 C l	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
GE	5001	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
Ģ€	400	49.6	79.8	99,9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.7	99.9	160.0	100.0	
ĢΕ	700	99.6	99.8	99.5	99.9	37.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
ĿΕ	2011	99.6	99.8	99.9	99.9	90.0	99.9	99.9	99.9	49.9	99.9	30.3	99.9	99.9	99.9	100.0	100.0	
ĢΕ	ורטו	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9,9	100.0	100.0	
GF	21	99.6	99.8	99.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	
• • •								• • • • • • •		• • • • • • • •				• • • • • •	• • • • • • •	• • • • • • •		

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: OCT HOURS(LST): 1500-1700 CEILING VISIBILITY IN STATUTE MILES GE GE GE 4 3 2 1/2 GE IN | GE FEET | 11 GE GE F GE GE GE 2 1 1/2 1 1/4 GE 1 GE GE GE 3/4 5/8 1/2 5/16 ٥ ь NO CEIL | 79.6 79.6 79.7 79.7 79.7 79.7 79.7 19.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 79.7 92.5 92.3 92.0 92.3 92.7 GE 20001 91.9 GE 18000 91.7 91.9 92.0 92.0 92.0 92.0 92.0 72.J 92.0 92.0 92.0 92.0 92.0 92.0 92.3 92.3 92.3 92.3 92.7 92.3 92.3 92.3 92.3 92.3 92.3 92.7 GF 160001 42.6 92.6 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 140301 94.8 94.8 94.9 04.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 94.9 98.8 98.9 99.9 65 1000Cl 98.7 96.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 90001 98.8 80001 99.7 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 99.8 G E 70001 99.8 99.9 100.6 100.0 103.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 60001 99.6 99.9 100.0 100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 50001 99.8 45001 99.8 40001 99.8 99.9 100.0 100.0 100.0 100.0 100.0 SE 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GF 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 35001 79.8 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 30001 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 25001 99.8 99.9 100.0 100.0 100.0 140.0 100.0 103.0 100.0 100.0 100.0 100.0 100.0 20001 99.8 99.9 100.0 ica.a 6 E 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 18001 99.8 99.9 100.L 196.3 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 15001 99.8 99.9 100.0 100.0 100.0 170.0 100.0 100.0 100.0 100.0 6 E 100.0 169.0 100.0 100.0 100.0 100.0 106.6 106.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 9001 99.8 8501 99.8 100.0 100.0 100.0 100.0 100.0 100.0 65 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 58 6 F 7001 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 170.0 100-0 100.0 100.0 100.0 100-0 104.0 6001 99.8 99.9 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 100.D 100.0 100.0 100.0 100.0 100.0 5071 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 141.0 100.0 100.0 100.0 100.0 100.0 4ucl 99.8 100.0 100.0 100.0 6F 99.9 100.0 100.0 100.0 100.E 100.0 100.0 160.0 100.0 100.0 100.0 100.0 100.0 2001 99.8 100.0 100.0 100.0 100.0 100.0 100.0 190.0 107.0 100.0 100.0 100.0 100.0 100.0 1001 99.8 99.9 100.0 100.0 100.0 190.6 103.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 nl 99.8 99.9 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OPSERVATIONS:

930

PERCENTAGE FREQUENCY OF CCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMPER	NV				PERIOD MONTH	OF REC	HOURS	(LST):	1800-20	00						
CEILI#6	• • • • • • • • •		• • • • • • •	• • • • • • •	• • • • • • •			IN STAT			•••••	• • • • • • •	•••••	•••••	•••••	••
IN I SE	GΕ	GL	üΕ	GE	GE	GE	GE	GE	GE	GE	GE.	SE	GE	GE	6 E	
FEET 1 10	6	5	٠. 4		2 1/2		1 1/2		1		5/8	1/2	5/16	1/4	0	
									_			_		1/4	U	
			••••									• • • • • • •	•••••	•••••	• • • • • • • • •	••
40 CETL 34.3	94.4	84.4	A 4 • 4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
GE 200001 93.8	73.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
GE 18000 94.4	74.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
BF 165961 94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 14000! 96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE 120001 97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
-								•							, , , ,	
6E 160001 99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 90001 99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 8000 99.9	100.0	100.0	199.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	
GE 70001 99.9	100.6	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 60001 99.9	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
															100.0	
GE 50001 99.9	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GF 450F 99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	
GF 48081 99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0		100.0		100.0	100.0	100.0	
6E 35unl 99.9	100.0	100.C	100.0	100.0	100.0	100.0		100.0	100.0		100.0	100.0		160.0	100.0	
GE 30001 99.9		100.0	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	
			• • • • • •							14010	10000	10014	10010	100.0	100.0	
GE 25gr 99.9	100.0	100.0	103.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 2000 39.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
SE 181 7 99.9	100.0	100.0	100.0	100.0			100.0				100.0	100.0	100.0	100.0	100.0	
GF 15001 99.9	100.0	100.0	104.0	100.0		100.0		100.0	100.0		100.0	100.0	100.0	100.0	100.0	
GE 12001 99.9	100.6	100.0	106.0	160.0		100.0	100.0	100.0			100.0		100.0	100.0	100.0	
												10000		100.0		
GE 10001 99.9	100.0	100.6	106.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 980 07.0	100.0	100.0	100.0	100.5	100.0			100.0					100.0	100.0	100.0	
GF 8001 99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	
GF 75F1 99.9	170.3	100.0	100.0	100.6	100.0	100.0		140.0			100.0	100.0	100.0	140.0	100.0	
uf far 99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0			100.0	100.0	100.0	100.0	100.0	
			•							14						
UE 5601 99.9	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	
6F 400 99.9		100.C	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	
GF 3001 99.4		100.0	190.0	100.0	100.0	100.0	100.0	1,0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 201 99.9			100.0	160.0	100.0	100.9	100.0	100.0	100.0	107.0	100.0		100.0	140.0	100.0	
6F 10rl 99.9			100.0	100.0	100.C			100.0			100.0			100.0	100.0	
						2 4						.00.0		. 40.0		
GF 21 99.9	100.0	100.0	10.0	100.0	100.0	100.0	100.0	140.0	170.0	100.0	100.0	100.0	100.0	100.0	100-0	
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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: OCT HOURS(LST): 2100-2300 VISIBILITY IN STATUTE MILES CEILING 6 F 4 GE GE IN | GE FLET | 10 GE GE GE 2 1 1/2 1 1/4 GE 1/4 GE 0 GE GE GE GF 1 5/8 3/4 1/2 5/16 5 88.4 88.4 88.4 88.4 48.4 98.4 88.4 88.4 88.4 88.4 NO CEIL | 88.3 88.3 88.4 86.4 88.4 86.4 GE 20000| 94.6 GE 18000| 94.9 GE 16000| 94.9 94.7 94.7 94.7 94.7 94.6 94.9 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 94.7 95.1 95.1 95 • 1 95 • 1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 94.9 97.5 95.1 95.1 95.1 95.1 14006 97.5 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 97.6 GE 120001 98.5 98.5 98.6 96.6 98.6 98.6 98.6 98.6 98.6 98 . 6 98.6 98.6 98.6 98.6 98.6 98.6 99.5 99.5 99.9 6E 10000| 99.4 6E 9000| 99.4 99.4 99.5 99.5 99.5 99.5 99.5 99.9 99.5 99.5 99.9 99.5 99.5 99.9 99.5 99.5 99.9 99.5 99.5 99.9 99.5 99.5 99.9 99.5 99.5 99.5 u a . 5 99.5 99.5 99.5 99.5 99.5 99.5 8000 99.E 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 GE 70001 99.8 99.8 99.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6E 500nl 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 GF 4500| 99.9 4660| 99.9 99.9 100.0 100.0 100.0 100.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 35301 99.9 99.9 100.0 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 10C.C 100.0 100.0 100.0 G F 30001 99.9 100.0 100.0 100.0 100.0 100.0 100.0 25nrl 99.9 99.9 100.0 100.0 100.0 100.0 100.0 103.0 100.0 100.0 100.0 100.0 100.0 100.0 2000 47.9 99.9 GE 100.0 100.0 100.6 100.0 100.0 100.0 100.0 120-0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 5.5 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 130.0 100.0 100.0 100.0 100.0 12001 99.9 99.9 100.0 100.0 100.0 176.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10001 99.9 100.0 99.9 100.C 100.0 100.0 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 F 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 9301 99.9 99.9 133.0 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 130.0 100.0 100.0 100.0 100.0 7301 99.9 99.9 100.40 100.0 140.0 100 · C 100.0 100.0 100.0 100.0 100.0 100.0 ı.F 100.0 100.0 100.0 100.0 100.0 FUC! 99.9 99.9 100.0 130.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 106.0 100.0 100.0 100.0 400| 99.9 300| 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 ing.o 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001 99.9 99.9 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1:10-0 100.0 1001 99.9 100.0 100.3 100.0 100.0 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0

99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF ORSERVATIONS:

nl 99.9

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STA	ITION N	UMPER:	723865	STATIO	ON NAME	: NELL	IS AFB	NV				MONTH	-	HOURS	(LST):	ALL	
		• • • • • •	• • • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •			IN STAT			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • • • •
	LING	GE	GΕ	GE	6.5	GE	GE	GE AT2T	GE	GE	GE	C S GE	GE	GE	GE	GΕ	GE
- 1	ET I	_	6	95	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	ů.
		_	_	-					1 1/2	4,4
• • •	• • • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • •	• • • • • • •	• • • • • •	• • • • • • •				• • • • • • •		• • • • • • •	• • • • • • •		
140	CEIL	84.4	A4 . 4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	94.4	84.4	84.4	84.4	P4.4	84.4	84.4
lı F	200001	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
	187301		92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	160001		93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
υF	140001	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
G F.	120001	96.7	96.8	96.P	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE	100001	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	9575		98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.5	98.5	98.5	98.5	98.5	98.5
	40001		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
UF	70001	49.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
LF.	60001	97.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8
υE	50001		99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9	99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9	99.9 130.0	99.9
GF	4500 4000		99.9 99.9	99.9 99.9	99.9	99.9 99.9	99.9	99.9 100.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE	350 N L		99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF.	30001		99.9	99.9	99.9	100.0	99.9 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6.	30001	44.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.0.0	100.0	100.0
GE	25301	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6!	ะกับได้		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0
's F	IRUNI	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
b.F	15001	99.7	99.9	99.9	99.9	107.C	100.6	100.0	100.0	100.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0
ü٤	12001	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	130.0	100.0	100.0	100.0	100.0	100.0	160.0	100.0
u.F.	1,000		99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	120.0	100.0	100.0	100.0	100.0	130.0	100.0
GE		99.7	99.9	99.9	9.9	100.0	100.0	100.0	103.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF		99.7	99.9	99.9	99.9	100.0	100.0	100.0	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(j. f		99.7	99.4	99.9	94.9	100.0	100.0	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0
GE	6201	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6F		29.7	99.9	99.9	99.4	160.0	100.0	100.0	100.0	147.0	100.0	102.0	100.0	100.0	100.0	109.0	100.0
G F		,7.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0
6.5		99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	130.0	106.0
G F		19.7	99.9	99.9	94.4	100.0	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE		97.7	99.9	99.9	99.9	100.0	166.0	100.0	100.6	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
01	1001		,,,,	77.7	7 7 6 9	100.0	100.0	100.0	100.0	145.0	1.50.0		100.0	.00.0		10010	
G f	ſΠ	97.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	1-0-0	120.6	107.0	100.0	100.C	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

SAFETAC FROM HOUMLY OBSERVA IN WEATHER SERVICE/MAC

					ATION NAM							MONTH	i: NOV		CLST):		
	IL ING	• • • • •	• • • • • •	•••••	• • • • • • • • •	•••••	• • • • • • •		BILITY				• • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
	IN	l GE			E 66 5 4	GE 3	GE 2 1/2	GE	GF 1 1/2	ĿΕ	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	6E 0
• • •	• • • • • •	• • • • •	• • • • • •	•••••	· · · · · · · · · ·	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • •	• • • • • •	•••••	• • • • • •	• • • • • •	• • • • • •	•••••
N O	CEIL	i an.	0 80	.2 ar	•3 RO•3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
ĿĘ.	20000	87.	2 87.			87.6	87.6	87.6	87.6	87.6	87.E	87.6	87.6	87.6	87.6	87.6	87.6
	18070			2 89	.3 89.3	69.3	89.3	89.3	89.3	69.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
	100000						89.7	89.7	89.7	69.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	14030					92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
LΕ	15000	93.	9 94.	0 94	.1 94.1	94.1	94.1	94.1	94 • 1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
G.F	10036	1 56.	C 96.	2 96	.3 96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GF	4000	95.					96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
UF	anuni	97.	2 97.	4 97	.6 97.6	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
Ŀſ	7:000	97.	4 97.	7 97	.8 97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
U.F	6057	97.	98.	1 98	.2 98.2	99.2	78.2	98.2	98.2	48.2	98.2	99.2	98.2	98.2	98.2	98.2	98.2
5.5	50401	,,,	4 96.	7 98	.8 98.8	98.9	98.8	93.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	96.8
60	4530						98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
(; r	4000	90.					99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
O F	35001	¥7.	2 99.	4 99	6 99.6	99.6	79.6	99.6	99.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GF	30501	99.	2 99.	4 99	.6 94.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
υĘ	25 u d i	90.	2 99.	4 99	.7 29.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1, 5	20001	× 7 .	. 99	7 99			99.9	99.9	99.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
65	1030	,7,	2 99.	7 99	9 99.4	99.9	79.9	99.9	99.9	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
66	15001	19.	? 99.	7 99	9 9,.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
$\hat{\alpha}_{t}$	וחנהו	34.	2 99.	7 99	99.4	99.9	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
υţ	10001	99.	2 99.	7 99	9 95.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
, F	ا مار د	92	2 99.	7 99	99.9	97.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
ωŧ	ا الن ه	99.	2 99.	7 99	9 94.9	57.7	99.9	99.9	94.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
ا ر	750	57.	2 99.	7 99	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6r	£381	93.	7 99.	7 99	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
(, r	5,01	19.	? 99.	7 99	9 99.9	99.9	99.9	99.9	99.9	¥9.9	99.9	99.9	99.9	99.9	99.9	90.9	99.9
٦F	430	49.	2 99.	6 100	0 100.4	140.0	105.0	160.6	100.0	140.0	100.0	100.0	100.0	100.0	100.0	150.0	100.0
t,r≸	7 ∪∩‡	49.	99.	8 130	in inclu		100.6	מי מם ו	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1 00.0	100.3
UF	2301	≯º.	2 97.	8 100	C 170.0	147.n	100.0	100.0	100.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0
ωř	1001	99.	2 99.	8 100	0 100.4	100.0	100.0	100.9	105.6	100.0	100.0	100.0	100.4	100.0	100.0	100.0	100.0
5 €		99.			L 196.J								100.0	100.0	100.0	100.0	100.3

TUTAL SUMPLE OF USERVATIONS:

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

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PERIOD OF RECORD: 76-85 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: NOV HOURS(LST): 0300-0500 VISIBILITY IN STATUTE MILES LEILING EILING IN | GE FLET | 177 VISSBILITY IN STATUTE MILES

UE GE GE GE GE GE

4 3 2 1/2 2 1 1/2 1 1/4 1 3/4 GE GE GE 5/8 1/2 5/16 1/4 6 NO CEIL | 82.1 5E 200001 88.0 88.3 88.6 88.4 88.4 88 • 6 88.6 88.6 88.6 88.6 88.6 88.6 88.4 GE 180001 89.1 GE 160001 89.8 89.7 89.7 89.7 90.3 89.7 90.3 89.7 89.7 89.4 89.6 89.6 89.6 89.7 89.7 89.7 89.7 89.7 96.1 90.2 90.2 97.2 90.3 90.3 90.3 90.3 90.3 90.3 90.3 GE 140001 92.6 92.9 93.0 93.0 93.0 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 93.1 GE 120001 93.9 94.3 94.2 94.3 94.4 94.4 94.4 94.4 94.4 94.4 94.4 94.3 94.4 96.2 96.6 97.4 GE 160001 95.8 GE 90001 96.1 GE 80001 97.0 96.2 96.6 97.4 96.3 96.3 96.7 97.6 96.3 96.7 97.6 96.3 96.7 97.6 96.3 96.7 97.6 96.3 96.7 97.6 96 • 3 96 • 7 96.3 96.7 96.3 96.7 96.1 96.2 96.3 96.3 96.4 96.7 96.7 97.6 96.7 97.4 97.6 97.6 97.6 97.6 97.8 97.8 97.9 97.9 97.9 GΕ 60301 97.8 98.1 98.2 98.2 98.2 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 50001 98.3 45001 98.3 98.8 98.8 98.9 98.9 r, F 98.7 94.8 98.8 98.9 98.9 98.9 98.9 0 A . O 98.9 98.9 98.9 04.0 98.9 98.9 78.7 98.8 98.9 98.9 98.8 98.9 98.9 98.9 GE 98.9 98.9 98.9 98.9 99.0 65 40001 98.4 98.8 98.9 96.9 98.9 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.0 99.3 GΕ 35001 98.6 99.1 99.2 99.2 99.2 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.3 99.6 99.6 99.7 2030| 99.0 1800| 99.0 99.9 100.0 100.0 GE 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 G E G F 150 nl 49. n 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 12001 99.0 99.9 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10001 99.0 99.9 99.9 6 F 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 G E 9001 99.0 8001 99.0 99.8 99.9 99.9 99.9 100.0 100.0 100.0 107.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7301 99.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 F 6001 99.0 99.8 99.9 99.9 99.9 100.0 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 sunt earn 100.0 r, e 99.8 90.9 90.0 99.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4601 99.0 3001 99.0 G E 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 G E 99.6 99.9 99.9 100.0 100.0 100.0 140.0 100.0 107.0 100.0 100.0 100.0 100.0 100-0 2001 99.0 Ģ₽ 99.8 99.5 99.9 100.0 100.0 100.0 100.0 190.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 140.0 100.0 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER	723865	STATI	ON NAME:	NELL	IS AFB	NV					OF REC			0600-08	nn
CEILING								IN STAT							
IN 1 GE	GΕ	GΕ	65	GE		GE	GE	GE	GE	GE		GΕ	GE	GE	GE
FEET 1 15	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	υ
• • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • •		• • • • • •				• • • • • •	•••••	• • • • • •	• • • • • •	•••••	********
NO CEIL 77.9	77.9	77.9	77.9	78.D	78.0	78.0	78.5	78.0	78 • U	78.0	78.0	78.0	78.0	78.0	78.0
GE ZUCARI 85.3	85.4	0 = "			05.										
6E 1900L 99.3	87.0	85.4 87.0	95.4 87.U	85.6	85.6 87.1	85.6 87.1	85.7 87.2	85.7 87.2	85.7 87.2	85.7 87.2	85.7 87.2	85.7 87.2	85.7 87.2	85.7 87.2	85.7 87.2
GE 160301 87.9	88.0	88.0	88.0	89.1	88.1	88.1	88.2	48.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 140001 92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GF 120001 94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
	,			,		.,,,,	.,,,,	,,,,	,,,,,	,,,,,	, , , , ,	,,,,	,444	,,,,	,,,,
0.29 (2000) 33	95.1	95.1	95.1	95.2	95.2	95.2	95 • 3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 90301 95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95 • 6	95.6	95.6	95.6	95.6	95.6	95.6
6E 80 97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE /: 97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
6E 60001 99•4	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 50401 99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 4500 99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 40301 99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 35001 99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.B	99.8	99.8	99.8
GE 3000 99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 25001 99.6			• • •	99.9	99.9										
GE 2000 99.6	99.8 99.6	99.8 99.8	99.6 99.8	99.9	99.9	99.9 99.9	100.0	100.0	100.0		100.0		100.0	100.0	100.0
GF 18UF1 99.6	77.6	99.8	99.8	99.9	99.9	99.9		140.0	100.0		100.0	100.0	100.0	100.0	100.0 100.0
UE 1500 99.6	99.8	99.8	99.8	99.9	99.9	99.9		100.0			100.0	100.0	100.0	100.0	100.0
GE 17071 99.6	99.6	99.6	99.8	99.9	99.9	99.9		140.0			100.0	100.0	100.0		100.0
01. 11011 7710	*,,.0	77.0	7710	,,,,	,,,,	7767	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10001 99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0
GF 9001 99.6	99.6	99.8	99.6	99.9	99.9	99.9			100.0		100.0	100.0	100.0	100.0	100.0
GE PUR 97.6	99.8	99.8	94.6	99.9	99.9	99.9			170.0	100.0		100.0	100.0	100.0	100.0
GE 7001 99.6	79.€	99.8	99.8	99.9	99.9	99.9		100.0		100.0	100.0	100.0	100.0		100.0
GE 601 99.6	99.8	99.8	99.8	99.9	99,9	99.9	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5001 99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E 4url 99.6	99.8	99.8	99.6	99.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E 3001 49.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0		100.0		100.0	100.0	100.B	100.0	100.0
GF 2001 99.6	99.8	99.8	94.8	99.9	99.9			100.0			100.0		100.0	100.0	100.0
GF 1001 99.6	99.B	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CE ~1 99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

STATION NUMBER: 722865 STATION NAME: NELLIS AFR NV

STATI	ON NI	#PER:	723865	STATIO	ON NAME:	NELL	IS AFB	NV					OF REC				
													: NOV		(L5T):		-
CEILI		• • • • • •	• • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	**************************************		IN STAT			•••••	• • • • • • •	•••••	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
IN	1	GΕ	GE	GE	GE	GF	GE	GE	GE	GE	GE	GE	GE	GE	GΕ	GE	GF.
FEET			6	5	Ŭ. ₄		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	٥
	•	_															
NO CE	IL I	74.8	74.8	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.8	75.0	75.0	75.D
																	_
GE 20			84.7	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 18			86.0	86.3	86.3	86.4	86.4	86.6	86.6	86.6	86 • 6	86.6	86.6	86.6	86.6	86.6	86.6
GE 16			88.1	88.4	88.4	88.6	88.6	88.7	88.7	88•7 92•6	88.7 92.6	88.7	88.7	88.7	88.7 92.6	88.7	88.7
GF 141			92.0	92.3 94.6	92.3 94.6	92.4	92.4 94.7	92.6 94.8	92.6 94.8	94.8	94.8	92.6 94.8	92.6 94.8	92.6 94.8	94.8	92.6 94.8	92.6 94.8
GE 12	0001	94.2	94.2	94.6	94.0	94.7	94.7	94.0	74.0	74.0	74.6	74.0	74.0	74.0	74.0	y0	74.0
6E 10	nooi	95.C	95.0	95.3	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 91			95.4	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.D	96.0	96.0	96.0
6E 8			96.9	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 7	1000	97.1	97.1	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
6F. 6	ocei	98.3	98.3	98.7	98.7	98.8	98 • 8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
		99.0	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.0	99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1 99.1	99.2 99.2	99.8 99.8	99.8 99.8	99.9	99.9 99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
0 E 3	Sect	94.1	77.2	99.0	77.5	99.9	79.9	100.0	100.0	100.0	100.0	100.0	100.0	10040	100.0	100.0	100.0
GE 2	5001	99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0		100.0	100.0	100.0			100.0	100.0
		99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0
6E 1	5001	99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	2001	99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.2	99.8	99.8	99.9	99.9	100.0		100.0		100.0	100.0		100.0	100.0	100.0
		99.1	99.2	99.8	99.5	99.5	99.9	100.0	100.0		100.0	100.0	100.0	100.0		100.0	100.0
		99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0		100.0	100.C	100.0	100.0	100.0	100.0	100.0 100.0
		99.1 99.1	99•2 99•2	99.8 99.8	99.8 99.8	99.9	99.9 99.9			100.0					100.0		100.0
5 C.	0001	77.1	77.2	99.0	77.0	77.7	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
65	Soci	99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		99.1	99.2	97.8	99.8	99.9	99.9	100.0	100.0		100.0	100.0	100.0			100.0	100.0
GE	3001	99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.6	100.0	100.0	100.0	100.0			100.0	10u.0
GE	2001	99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
GF	1001	99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GF	C1	99.1	99.2	99.8	99.8	99.9	99.9	100.0	100.0	1.0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
• • • • •	• • • • •	• • • • • •	• • • • • • • •	•••••	• • • • • • • •	• • • • • •	• • • • • • •	• • • • • • •	*****	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	•••••

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

					DN NAME:	-		-				MONTH	OF REC	HOURS	(LST):	-	
	LING	•••••	• • • • • • •	•••••	• • • • • • •	• • • • • •	• • • • • • •		BILITY					• • • • • • •	•••••	• • • • • • •	•••••
		GŁ	GE	GΕ	GE	GE	GΕ	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FĹ			6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	
	- ,		_		• • • • • • •												
	• • • • •	••••													-	-	
10	CEIL	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
36	zacanj	83.9	84.1	84.1	84.1	64.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
	19000		85.7	95.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
	100001		86.8	86.8	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
	14000		91.0	91.C	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1 93.2	91.1	91.1	91.1	91.1
, E	150001	92.7	93.6	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
F	100001	94.2	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
E	90001	94.3	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
E	10008	95.9	96 • 4	96.7	96.7	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96 • 8
E	7000		96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
Ę	60BC	97.2	97.8	98.C	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
F	50001	99.1	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
Ε	45061		98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
F.	40001		99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
. E	35001		99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
E	30001	98.6	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	. 99 .8	99.8	99.8	99.8
Ę	25001	98.6	99.2	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
E	20601		99.2	99.6	99.4	99.9	99 . 9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E	16001		99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E	1500		99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E	1200]	98.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	103.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E	1000]	98.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E	9001	98.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ŀΕ		93.6	99.2	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.G	100.0	100.0	100.0	100.0	100.0	100.0
F		18.6	99.2	99.6	95.8	99.9	99.9	100.0	100.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F.	6091	98.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F		4F.6	79.2	99.6	99.8	99.9	99.9	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F		98 • 6	99.2	99.6	99.8	99.0	99.9	100.0	100.0	160.0	100.0	100.0		100.0	100.0	100.0	100.0
ıΕ		98.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	103.0	100.0	100.0	100.0
F.		98.6	99.2	99.6	94.8	99.9	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
F.	1001	94.6	99.2	99.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

6F C| 98.6 99.2 99.6 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV HONTH: NOV HOURS(LST): 1500-1700 VISIBILITY IN STATUTE MILES CEILING CETLING IN | GL FEET | 10 GE 4 GE GE GE 5 GE GF GE 2 1 1/2 1 1/4 GE GF GF GĘ GF GE 3 2 1/2 1 5/8 1/2 5/16 1/4 0 6 3/4 NO CEIL | 79.8 70.8 70.8 70.8 70.5 70.8 70.8 70.8 70.8 70.8 70.8 70.8 70.8 70.8 70.8 70.8 GE 200801 83.4 83.4 83.4 85.6 66.8 83.4 83.4 83.4 6E 180JOI 85.6 85.6 86.8 85.6 86.P 85.6 86.8 85.6 86.8 85.6 86.8 85.6 86.8 85.6 86.8 85.6 86.8 85.6 86.8 85.6 86.8 85.6 85.6 85.6 85.6 6E 16COC1 86.8 86.8 86.8 86.6 86.8 90.8 90.8 90.8 90.8 90.8 90.8 ¥0.8 93.8 90.8 90.8 90.8 90.8 GE 120001 92.6 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 92.7 GE 100001 94.2 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 90001 94.2 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3 96.4 96.4 96.4 96.4 96.4 80801 96.0 70001 96.0 96.4 96.4 96.4 6E 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 60001 97.6 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 5060| 98.1 4500| 98.4 4000| 98.7 98.6 98.9 93.6 98.9 98.6 98.9 98.6 98.9 98.6 98.9 98.6 98.9 98.6 98.6 98.9 GĘ 98.6 98.6 98.6 98.6 98.9 98.6 98 • 6 98.6 98.9 99.1 99.2 GE 98.9 98.9 98.9 98.9 98.9 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 99.1 350Cl 98.8 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 99.2 GE 99.2 99.2 99.7 99.8 99.9 99.9 20J0| 99.0 18u0| 99.0 99.8 GF 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.D 99.8 99.8 99.9 100.0 100.0 100.0 1,0.0 100.0 100.0 100.0 100.0 1500| 99.0 1200| 99.0 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 99.€ 99.4 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GΕ 10001 99.0 99.6 99.9 99.9 99.8 100.0 100.0 100.6 100.0 100.0 100.0 100.D 100.0 100.0 100.0 100.0 0.00 49.0 0.00 1003 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 GE GE 100.0 100.0 100.0 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7JC1 99.0 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 F 60 nl 99.0 99.8 99.8 99.9 99.9 170.0 100.0 100.0 100.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 5001 99.0 99.8 99.5 99.9 99.9 100.u 100.0 100.0 100.0 100.0 00.0 100.0 100.0 100.0 100.0 100.0 437 99.0 99.0 99.9 GE 99.8 99.9 100 - 0 107.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 G F 70ml 99.m 99.8 99.8 99.9 100.0 100.0 100.0 140.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 2001 99.0 99.8 GE 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 10nl 99.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 196.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4

- 47

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 76-85

314	110%	OHBEN:	123003	31711	ON NAME .							HONTH	: NOV	HOURS	(LST):	1800-20	00
• • •		• • • • • •	• • • • • •		• • • • • •	• • • • •	• • • • • •						• • • • • •	• • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • •
	LING N 1	GE	GE	GE	6F	C.E	GE	V 1 5 1	GE GE	IN STAT	OTE MIL	ES GE	GE	GE	GE	GE	6E
		10	6	υς 5	4		2 1/2		1 1/2		1		5/8	1/2	5/16	1/4	a
				_									•••••				
															-		
NO I	CEIL I	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
				85.6	85.6		85.6	05 (85.6	0.5 /	85.6
	1000U1		85.6 87.7	87.7	87.7	85.6 87.7	87.7	85.6 87.7	85.6 87.7	85.6 87.7	85.6 87.7	85.6 87.7	85.6 87.7	85.6 87.7	87.7	85.6 87.7	87.7
	160001		89.0	89.0	89.0	89.0	89.0	89 • D	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
	140001		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
	120001		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
			_				_										
	inconi		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
ĢΕ	90001		95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	80001		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	7000		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE	PC001	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GF.	sount	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
G E.	45001		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE	4000		99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE	35001	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	30001	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
c.r	25001			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.n	100.0		100.0	100.0	100.0
GE	25001		99.7 99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	16001		99.7	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	15001		99.7	100.C	100.0	100.0	106.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	12001	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	106.0
GE	TCOL		99.7	100.0		100.0	100.0	100.0		1.0.0	100.G	100.0	100.0	100.0	100.0	100.0	100.0
ĿΕ		99.3	99.7	100.0	100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE GE		99.3 99.3	99.7 99.7	100.0	100.0 103.u	160.0 100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0
GE		99.3		100.0		100.0				100.0	100.0		100.0		100.0		100.0
U.	00.71	, , ,	,,,,,	.0010	10010	10011		10310	100.0	100.0	10010		100.0	200.0	10010	10010	
GΕ	5001	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		99.3	39.7	100.0		100.0	100.0		100.0	140.0	100.0	100.0	100.0		100.0		100.0
6 F		99.3	99.7	100.0		100.0	160.0	100.0		100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
6 E		99.3	99.7	100.0	100.0	100.0	100.0	100.0		100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0
GΕ	1001	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	160.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0
GE	0.1	99.3	00.7	100 (100.0	100.0	100.0	100 a	100.0	1.0.0	100 0	100 n			100.0		100.0
0 6.		77.3	7701	100.0	10000	10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF UBSERVATIONS:

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PERCENTAGE FREQUENCY OF OCCUMPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

514	TICN	N/I	UMALR:	723965	STATI	ON NAME:	NELL	IS AFB	NV				PERIOD	OF REC	OPD: 76	-85		
					•								HONTH	: NOV	HOURS	(LST):	2100-23	00
	LING										IN STAT							
1	14		GŁ	Ŀξ	GE	5.5	GE		GE	GE	GE	GE	GE	GE	GE	GΕ	GE	6€
FE	E T	- 1	1.0	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	Ü
60	CEIL	-1	76.8	76.8	76 . F	76.0	76.0	76.8	76.8	76.8	76.8	76 . 8	76.8	76.8	76.8	76.8	76.8	76.8
ĢΕ	2000	۲I	84.2	96.2	86.1	96.2	86.2	86.2	86.2	86.2	06.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GF	1800	СI	07.0	89.0	89."	99.0	69.7	85.C	89.C	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
υE	1600	ri	90.1	90.1	90.1	96.1	90.1	90.1	90.1	90.1	yJ.1	90.1	90.1	90.1	90.1	90.1	90 • 1	90.1
G€	1473	۲1	93.0	93.4	93.0	93.0	43.0	93.0	93.0	93.6	93.C	93.€	93.0	93.0	93.0	93.0	93.0	93.0
6 E	1200	сĹ	94.6	94.6	94.6	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE	1000	ni	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
6.5			96.7	96.7	96.8	96.5	96.8	96.8	96.8	96.8	76.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
G.E			97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
			97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
			98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
0.	00	•	7.0.2	70.2	,0.3	.0.3	,,,,	,0.5	,,,	, , , ,	, , , ,		, , , ,	, , , ,	,,,,,	,,,,	, , ,	
ьE	500	0.1	98.8	98.8	98.9	93.9	98.9	98.9	98.9	98.9	98.9	98.9	99.9	98.9	98.9	98.9	98.9	98.9
GF			98.9	98.9	99.0	99.0	97.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE			99.2	99.2	99.3	99.5	99.3	79.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
G E			99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	y 9 . 4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE			99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0.0	36.3	.,	,,,,	,,,,	****	* * * * *	,,,,,	,,,,	,,,,	,,,,,	,,,,,	,,,,	,,,,,	,,,,	,,,,,	***	,,,,	,,,,
ĢΕ	250	o l	99.3	99.6	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6E			99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			97.3	99.6	100.0	186.0	100.0	100.0	100.0	100.0		100.0	107.0	100.0	100.0	100.0	100.0	100.0
GE			99.3	99.6	100.6	100.0	100.0	100.6	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	106.0
6 E			99.3	99.6	100.0	100.0					1.3.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υĽ	123	31	y v • 3	77.6	150.0	100.0	100.0	100.0	100.0	100.0	102.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0
υE	100	n I	99.3	99.6	100 0	104. 3	100.6	100 0	100.0	100 0	166.0	100 0	100 0	22.0	100.0		100 0	106.0
6 F	• -		99.3	39.6	100.C	10u.J	100.0	100.0	100.0		1,0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	-												100.0					
3 F			99.3	99.6	100.0	100.0	107.0	100.0	100.0		100.0						100.0	100.0
6.5			99.3	99.6	100.0		100.0	100.0	100.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0
ĢF	6.3	υţ	99.3	99.6	1.0.0	100.0	100.0	106.0	100.0	100.0	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0
6F			99.3	99.6	100.0		100.0	100.0							100.0	100.0	100.0	100.0
6 E			99.3	99.6	100.0		100.0	100.0	100.0	100.0			100.0	100.0	100.0	100.0	100.0	106.0
GF			99.3	99.6	100.C		100.0	170.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE			99.3	99.6	100.0	100.0	100.0	160.6	100.0		100.0						100.0	106.0
GE	13	01	99.3	99.6	100.C	106.0	100.0	160.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
_									_									
υE		ηI	99.3	99.6	100.0	100.0	100.2	100.0	100.0	140.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV MONTH: NOV HOURS(LST): VISIBILITY IN STATUTE MILES GE GE GE GE 2 1 1/2 1 1/4 1 6E IN 1 3L FLET 1 1 GE GE GE 4 3 2 1/2 GE GE GΕ GE GE GE 5/16 ٥. 10 NO CETL | 76.2 76.3 76.3 76.3 76.3 76.4 76.4 76.4 76.4 76.4 GE 20030] 85.5 GE 18030] 87.3 85.7 87.5 85.8 87.6 85.8 87.6 85.8 87.6 88.7 85.8 87.6 85.8 85.8 85.8 85.8 87.6 88.7 87.6 87.6 87.6 87.6 87.4 87.5 87.5 87.6 87.6 GE 160001 88.4 88.6 88.6 88.6 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 88.7 93.9 92.2 92.2 92.2 92.3 92.3 94.1 140001 92.0 92.2 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 GE 100601 95.3 95.5 95.6 95.6 95.6 95.6 95.4 95.5 95.6 90101 45.5 80001 46.9 95.6 95.7 97.2 95.7 97.2 95.E 97.3 95.8 97.3 95.9 97.3 95.8 97.3 95.8 97.3 95.8 97.3 95.8 97.3 95.8 97.3 95.8 97.3 95.8 95.8 97.3 95.8 97.3 GE 70001 97.1 97.5 97.5 97.5 97.5 97.5 97.5 97.5 60001 98.0 98.2 98.3 98.3 98.3 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4 50001 98.6 45001 98.7 40001 99.9 99.1 99.1 99.2 99.4 G.F 98.8 99.0 99.0 99.0 99.1 99.1 99.1 99.1 99.2 99.1 99.1 99.1 99.2 99.1 99.2 99.2 99.4 99.2 99.2 99.2 98.9 99.1 99.3 99.4 99.2 99.4 99.4 99.4 99.4 GF 99.3 99.4 35001 99.1 99.5 99.6 99.6 99.6 99.6 99.6 99.6 G E 99.6 30001 99.1 99.4 99.6 99.6 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.7 99.8 99.9 6 F 25401 99.1 99.5 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 2700| 99.1 1800| 99.1 99.9 99.6 100.0 100.0 100.0 100.0 100.0 100.0 99.9 100.0 100.0 6 E 99.8 100.0 99.6 97.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 190.0 100.0 100.0 15001 99.1 99.6 99.8 99.9 99.9 99.9 100.0 100.0 100.0 G E 103.0 100.0 100.0 100.0 100.0 100.0 100.0 99.9 99.9 17031 99.1 99.6 160.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 9001 99.1 8001 99.1 99.6 100.0 100.0 100.0 100.0 100.0 6.5 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 170.0 7001 97.1 99.6 99.8 99.9 99.9 99.9 100.0 160.0 107.0 100.B 100.0 100.0 160.0 100-0 600 99.1 99.9 99.9 6 F 79.6 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 FOOL 99.1 GE 99. 6 100.0 100.0 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4001 99.1 3001 99.1 99.6 99.8 99.9 99.9 130.0 100.0 G £ 99.6 99.8 99.9 99.9 196.6 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 100.0 99.6 100.0 100.0 100.C 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.6 99.8 1001 99.1 99.9 100.0 100.0 100.0 1.0.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.6 C1 99.1 GE 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

5

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PEPIOD OF RECORD: 76-85 MONTH: DEC HOURS(LST): 0000-0200 ILING VISIBILITY IN STATUTE MILES TN I GE GE GE GE GE GE GE GE CEILING GE GE GE 2 1 1/2 1 1/4 GŁ GE GE GE GE IN | FEET | GE 3/4 10 5 3 2 1/2 5/8 1/2 5/16 ٥ NO CEIL | 60.6 80.8 80.9 80.9 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.1 81.1 86.7 87.6 88.9 86.7 87.6 88.9 86.7 67.6 88.9 86.7 87.6 88.9 86.7 87.6 88.9 86.7 87.6 88.9 GE 200301 86.3 86.5 86.6 87.5 86.6 87.5 86.7 86.7 86.7 87.6 86.7 87.6 86.8 87.7 86.8 87.6 88.9 87.6 88.9 GE 180001 87.3 87.4 88.7 91.3 GE 160001 88.6 88.8 88.8 88.9 88.9 89.0 89.0 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.6 GE 140001 91.2 91.5 91.5 91.5 91.6 91.4 91.4 GE 120001 92.0 65 100001 93.8 94.2 94.2 90001 93.8 93.9 94 • 1 95 • 3 94.1 95.3 94.1 94.1 6 F 94.0 94.0 94.1 94.1 94.1 94.1 94.1 94.1 94.2 95.2 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.4 GE 95.2 95.4 6.F 700rl 95.1 95.2 95.3 95.3 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.5 95.5 96.2 96.2 96.2 GE 60001 95.5 96.0 96.1 96.1 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96.3 96.3 GE 5rant 95.9 96.5 96.7 96.7 96.7 96.7 96.6 96.6 96.7 96.7 96.7 96.7 96.7 96.7 96.8 96.8 96.7 97.D 96.7 97.0 96.7 97.0 96.7 97.0 96.7 97.0 96.7 97.0 96.8 97.1 υE 45001 95.9 96.5 96.6 96.7 96.7 96.6 40001 96.0 96.8 96.9 97.0 97.0 97.0 97.1 GF 96.9 97.G 97.2 350C1 96.1 97.0 97.2 97.2 97.2 30001 96.1 97.3 97.5 2500| 96.8 2000| 96.9 1800| 96.9 1500| 97.0 98.6 GF 98.4 98.7 98.5 96.5 98.6 98.9 98.6 98.9 98.6 98.9 98.6 98.9 98.6 98.6 98.6 98.9 98.6 98.9 98.6 98.7 99.0 98.7 98.9 98.8 98.9 98.8 98.9 98.9 99.0 GΕ 98.9 98.9 99.C 99.4 99.D 99.4 99.0 99.0 99.4 99.0 GE 98.7 99.0 99.0 99.0 99.0 99.0 99.1 99.1 99.4 99.4 G€ 98.9 99.4 99.4 99.4 99.5 99.5 120 cl 97.2 99.6 19001 97.2 99.5 99.5 99.6 99.6 99.7 99.6 99.6 99.6 99.7 99.8 99.6 99.7 99.8 99.6 99.7 99.8 99.8 GE GE 9001 97.2 8001 97.2 99.2 99.6 99.6 99.7 99.7 99.7 99.8 99.7 99.2 99.6 99.7 99.8 99.8 99.8 99.9 99.8 99.8 6 E 70°1 97.2 99.2 99.6 99.6 99.7 99.7 99.8 99.4 99.A 99.8 99.8 99.8 99.A 99.8 99.9 99.9 99.6 99.6 99.8 99.8 99.8 65 5001 97.2 99.2 99.6 99.6 99.7 99.7 99.8 99.9 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.9 4001 97.2 3001 97.2 99.2 99.6 99.6 99.7 99.7 99.8 99.8 99.8 99.8 99.9 99.9 99.8 99.8 99.8 99.8 G F 99.8 99.8 99.8 99.8 99.8 2001 97.2 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 6 E 1001 97.2 99.2 99.6 99.6 99.7 99.7 99.8 99.8 99.8 99.R 99.8 99.9 99.9 65 nl 97-2 99.2 99.6 99.6 99.7 99.7 99.8 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.9 100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

514	TION N	UMBEP:	723865	STATIO	ON NAME:	NELL	IS AFB	٠V				PERIOD	OF REC	ORD: 76	-85		
-				-								HONTH	: DEC	HOURS	(LST): (300-05	00
				• • • • • •	<i></i>						• • • • • • •	••••••	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •	• • • • • • • • • • • •
	LING									IN STAT							
	N [SE	GE	GE	65	GE.	GE	GΕ	GE	GE	GE.	GE.	GE	GE	GE	GE	6E
	ET I	10	6	5	4		2 1/2		1 1/2		1	3/4	5/8	1/2	5/16	1/4	0
• • •	• • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	• • • • • •		• • • • • •	•••••		• • • • • •	•••••	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	•••••
N O	CETL I	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.5
GE	200001	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	65.7	85.7	85.8	85.8	85.9
ьE	187631	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.9
	10000		86.5	88.5	88.5	88.5	88.5	88.5	86.5	a8.5	88.5	88.5	88.5	88.5	88.6	88.6	86.7
	140001		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.8
GE	120001	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.8
65	100001	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.0
GΕ			93.8	93.8	93.8	93.8	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.0
ьE	80001	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.9
GE	70001	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.2
GΕ	603C	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.6
úΕ	50ari	55.A	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.8
υE	45.301		96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.1
GΕ	40301		97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97 • 3	97.3	97.3	97.3	97.4	97.4	97.5
6 E	35001	97.C	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.0
ĢF	30001	97.0	97.6	97.7	97.7	97.R	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98 - 1	98.1	98.2
6 E	25071	97.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.6
υE	2000	97.0	98.2	98.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98 • 6	99.6	98.7
Ğ€	IRUCI	97.2	98.4	98.5	98.5	98.€	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.8	98.8	96.9
GE	15501		98.7	98.8	98.8	99.9	98.9	98.9	98.9	98.9	98.9	99.9	98.9	99.0	99.1	99.1	99.2
GE	12001	97.4	98.6	98.9	96.9	99.3	99.0	99.0	99.0	99.5	99.0	99.D	99.0	99.1	99.2	99.2	99.4
6 E	10001	97.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	97.4	99.4	90.4	99.4	99.5	99.6	99.6	99.7
GE		97.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.7
GE		97.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.7
GE		97.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.7
GE	60.01	97.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	79.6	99.7
GE	5001	97.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.7
GΕ		97.4	99.1	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.8
GE		97.4	99.1	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GΕ		97.4	99.1	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0
G.E.	136	97.4	99.1	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0
G E	01	97.4	99.1	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	100.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUFLY OBSERVATIONS

STA	TIO	N N	UMBER:	723865	STATI	ON NAME:	NELL	IS AFB N	١V				PEPIOD	OF REC	ORD: 76	-85		
													MONTH	: DEC			0600-08	
	LIN		• • • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •	u 1 c		IN STAT			• • • • • • •	• • • • • • •	• • • • • •	• • • • • • •	•••••
	IN IN		SE	GE	GE	60	GE	GE	GE		GE	GE		GΕ	GΕ	GF	GE	6E
	ET		10	6	5.	4		2 1/2		1 1/2		1			1/2	5/16	1/4	9.0
	-	-	-									-						_
• • •															••••			
N O	CEI	- 1	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GΕ	200	100	81.5	81.6	81.8	A 1 .8	81.8	81.8	81.8		41.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GF	180	301	82.9	93.U	83.2	83.2	83.2	83.2	83.2		63.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
			84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
			87.7	87.8	88.1	86.1	88.1	86.1	88.1		88.1	88.1	89.1	88.1	88.1	88.1	88.1	88.1
G E	120	001	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5
			91.4		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.9	92.0	92.0	92.0
				91.5									91.7	91.8	91.9	92.0	92.0	92.0
			91.4	91.5	91.7	91.7	91.7	91.7 94.1	91.7 94.1		91.7 94.1	91.7 94.1	94.1	94.2	94.3	94.4	94.4	94.4
			93.8	93.9	94.1	94.1	94.1	_	_			94.8	94.1	94.9	95.1	95.2		95.2
			94.5	94.6	94.8	94.8	94.8	94.8	94 • 8		94.8			95.5	95.6	95.7	95.2 95.7	
G t.	6.0	101	94.6	95.2	95.4	95.4	95,4	95.4	95.4	95.4	95.4	95.4	95.4	42.2	A2.0	45.7	75.7	95.7
GE	50	101	94.9	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.2	96.3	96.3	96.3
6E	45	ni	95.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.6	96.7	96.8	96.8	96.8
			95.7	96.6	96 . A	96.8	96.8	96.8	96.8		96.8	96.9	96.9	97.0	97.1	97.2	97.2	97.2
			95.9	96.9	97.1	97.1	97.1	97.1	97.1		97.1	97.2	97.2	97.3	97.4	97.5	97.5	97.5
G€	301	ıΓį	96.0	97.0	97.2	97.2	97.2	97.2	97.2		97.2	97.3	97.3	97.4	97.5	97.6	97.6	97.6
_					_		_											
G۴			96.1	97.2	97.4	97.4	97.4	97.4	97.5		97.5	97.6	97.6	97.7	97.8	98 . D	98.0	96.0
ĢΞ			96.1	97.2	97.4	97.4	97.4	97.4	97.6		47.6	97.7	97.7	97.8	98.0	98.1	98.1	98.1
GE			96.1	97.2	97.5	97.5	97.5	97.5	97.7		97.7	97.8	97.8	98.0	98.1	98.2	98.2	98 • 2
G£			96.5	97.5	98.0	98.0	98.0	98.C	98.2		98.2	98.3	98.3	98.4	98.5	98.6	98.6	98.6
ĿΕ	12.	0.01	96.5	97.5	98.0	9 8 • ∪	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.5	98.6	98.6	98.6
ĿΕ	101	101	96.5	97.5	98.1	98.1	98.1	98.1	98.3	98.3	93.3	98.4	98.4	98.7	98.8	99.0	99.0	99.0
ĿΕ	9	o i	96.5	97.5	98.1	90.1	98.1	98.1	98.3		98.3	98.4	99.4	98.7	98.8	99.0	99.1	99.1
GΕ			96.5	97.5	98.1	98.1	98.4	98.4	98.7		98.7	98.8	98.8	99.1	99.2	99.6	99.7	99.7
6 F			96.5	97.5	98.1	98.1	98.4	98.4	98.7		98.7	98.8	98.8	99.1	99.2	99.6	99.7	99.7
ĞΕ			76.5	97.5	98.1	90.1	98.4	98.4	98.7	98.7	98.7	98.8	98.8	99.1	99.2	99.6	99.7	99.7
LE			96.5	97.5	98.2	98.3	99.6	96.6	99.9		98.9	99.0	99.0	99.4	99.5	99.8	99.9	99.9
() F			96.5	97.5	98.7	96.4	99.7	96.7	99.0		99.C	99.1	99.1	99.5	99.6	99.9		100.0
G.E.			96.5	97.5	98.2	98.4	98.7	98.7	99.0		99.0	99.1	99.1	99.5	99.6	99.9	100.0	100.0
GF			95.5	97.5	98.2	98.4	98.7	98.7	99.0		99.0	99.1	99.1	99.5	99.6	99.9	100.0	100.0
GΕ	1.	1114	96.5	97.5	98.2	96.4	98.7	96.7	99.0	99.0	99.0	99.1	99.1	99.5	99.6	99.9	100.0	100.0
G F		C)	96.5	97.5	98.2	96.4	98.7	98.7	99.0	99.∪	99.0	99.1	99.1	99.5	99.6	99.9	100.0	100.0
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••		•••									• • • • • • •	• • • • • • •	••••	• • • • • • •				

TOTAL NUMFER OF OPSERVATIONS: 93C

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUGLY OBSERVATIONS

STA	TION	NUMBER:	723F65	STATI	ON NAME:	NELL	IS AFB I	4 V					OF REC				
													1: DEC			0900-11	
			• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •							• • • • • • •	• • • • • •	• • • • • •	• • • • • •	• • • • • • • • • •
	LIMG								IBILITY								
	N	GE	GE	GΕ	GE	GŁ	GE	GE	GE	GE	GE	GE			GE	GE	€E
_	ΕĪ	1 10	6	5	4		2 1/2		1 1/2		1		5/8	1/2	5/16	1/4	ü
• • •	• • • •	• • • • • • • •	• • • • • • • •	• • • • • •	• • • • • • • •		• • • • • • • •	• • • • • •	• • • • • • • •	*****	• • • • • • •	• • • • • •	• • • • • • •		• • • • • •	• • • • • • •	• • • • • • • • •
NO	CEIL	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
	3050				30.	70 .	70.1		70.1	70.1	70 1	70.1	70.	70.	70.	70.	70 (
		CI 70.9	79 • 1	79.1	79-1	79.1	79 - 1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79 • 1 81 • 5
		01 01.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
		C 81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
		L 8€°L	86.2	86.2	B6.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
G F	1500	01 88.7	88.9	88.9	88.9	89.9	86.9	88.9	88.9	88.9	88.9	88.9	88.9	89.9	88.9	88.9	88.9
		01 93.3	70.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
		6.06 1	91.0	91.C	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
		D 93.8	94.0	94.C	94.0	94.0	94 • D	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
		ก 94.6	94.8	94.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
bE	600	↑ 95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
3.0	500	01 96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.5	96.8	96.8	96.8
6 F	450	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
b E	400	0 96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
J.E.	350	n 96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
5 F	300	0 97.1	97.5	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
36	250	01 97.1	97.5	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE		CI 97.1	97.7	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
ĿΕ		CI 97.2	97.8	98.2	96.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
G F		0 97.3	98.1	98.5	98.7	99.2	99.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE		01 97.3	98.1	98.5	98.7	99.2	99.2	99.2	99.2	94.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
•		., ,,,,,	, , , ,	,	, , , , ,	,,,,	,,,,	,,,,		, , , , ,	,,,,	,	,,,,	,,,,	,,,,		, , , , ,
G F	100	n1 97.3	98 • 1	98.5	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
G E		91 97.3	98.1	98.5	98.7	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE		01 97.3	98.1	98.5	98.7	99.2	99.4	99.4	29.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GΕ		CI 97.3	98.1	98.5	98.7	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6 E		01 97.3	98.1	98.5	98.7	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
J (.	-	ur 77.53	70.1	70.3	70 • 1	77.5	,,,,	7740	77.1	77.1	77.7	,,,,	77.7	77.7	77.9	77.7	,,,,
ĿΕ.	5 2	rl 97.3	98.1	98.5	98.7	99.6	99.7	99.7	99.8	00 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
J.E		C 97.3	98.1	98.5	98.7	99.6	99.7	99.7	99.8		100.0		100.0	100.0	100.0	100.0	106.0
or GF		01 97.3	98.1						99.8		100.0		100.0	100.0	100.0	100.0	
ur. LE				98.5	98.7	99.6	99.7	99.7									106.0
		C 97.3	98 • 1	98.5	98.7	99.6	99.7	99.7	99.8	99.8		100.0	100.0	100.0	100.0	100.0	100.0
, F	10	C 97.3	98.1	98.5	96.7	99.6	99.7	99.7	99.8	44.6	100.0	ם.ניטו	100.0	100.0	100.0	100.0	100.0
		al az -															
ĵΕ		01 97.3	98 • 1	98.5	98.7	99.6	99.7	99.7	99.d		100.0						

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOUTLY OBSERVATIONS

	•	_	723865									MONTH	OF REC	HOURS	(LST):		00
		• • • • •	• • • • • • •	• • • • • •	• • • • • • • •	• • • • • •	• • • • • • •			IN STAT	HITE MIL		• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • • • • • • • • • • • • • •
LEI	L196	l GE	GE	GE	GF	GE	GE	GE GE	GE GE	GE	GE WILL	GE	GE	GE	GE	GΕ	GE
FÉ		1 10	0 E	5	4		2 1/2		1 1/2		1		5/8	1/2	5/16	1/4	0
			• • • • • • •						1 1/2						3/10		
NO.	CEIL	69.6	68.6	69.7	68.7	68.7	68.8	68.9	68.9	08.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
		81.1	81.1	81.2	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE	18000	83.1	83.1	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE	160000	34.2	94 . 2	84.3	84.3	84.3	84.4	84.5	84.5	â4.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GΕ	14000	67.1	87.1	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
ĿΕ	120001	90.1	90.1	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	96.4
								•									
GE	renari	50.9	90.9	91.0	91.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
6.5		91.4	91.4	91.5	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
G.F		94.4	94.4	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
		95.3	95 • 3	95.5	95.5	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
		95.3	96.5	96.7	96.7	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
٥.	00,000	, , , , ,	,0.3	, o • ·		,,,,,,	,0.0	,,,,	,,,,	,,,,	7.02	,,,,	,,,,	,			,
GE	SCIC	95.7	76.9	97.1	97.1	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
6E		96.7	96.9	97.1	97.1	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
			97.2								97.8	97.8	97.8	97.5	97.8	97.8	97.8
GE		97.0		97.4	97.4	97.4	97.5	97.7	97.7	97.7							
υE		97.0	97.2	97.4	97.4	97.4	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE	31'0'01	97.3	97.6	99.1	98.1	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
														00 5	00 F	00.5	98.5
6		97.3	97.6	98.1	98.1	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	
GΕ		97.3	97.8	98.5	96.7	98.7	98.8	99.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE		97.3	97.8	98.5	98.7	98.8	98.9	99 • 1	99.1	99.1	99.2	99.2	90.2	99.2	99.2	99.2	99.2
G F		97.4	98.2	98.8	99.0	99.1	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE	1200	97.4	98.2	98.5	9.1	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
_																	
úΕ		97.4	98.2	98.9	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
L.E.		97.4	98.2	98.9	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE		97.4	98.2	98.9	99.1	99.5	99.7	99.9	99.9	99.9	170.0	100.0	100.0	100.0	100.0	100.0	100.0
GE		y7.4	98.2	98.9	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
S E	617(77.4	98.2	98.5	99.1	99.5	99.7	99.9	99.9	99.9	100.0	107.0	100.0	100.0	100.0	100.0	100.0
6		97.4	78.2	98.9	99.1	99.5	99.7	99.9	99.9	99.9	190.0	100.0	100.0	100.0	100.0	100.0	
υF		97.4	98.2	96.9	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	106.0
υF		97.4	98.2	98.9	99.1	99.5	99.7	99.9	99.9	49.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	2001	97.4	98.2	98.9	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G E	1001	97.4	78.2	98.5	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 F	۲۱	97.4	98.2	98.9	79.1	99.5	99.7	99.9	99.9	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

PERCENTAGE FREWLENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

s t	ATION NUMBER:	723865	STATI	ON NAME:	NELL	IS AFB	NV					OF REC		-85 (LST):	1500-17	00
	• • • • • • • • • • • •															
CE	IL ING						VISI	BILITY	IN STAT	UTE MIL	.ES					
	IN] GE	GE	GE	GE	GŁ	GE	GE	GF	SE	GE	G€	GĘ	GE	GE	GΕ	ĢΕ
F	EET 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	٥
• •		• • • • • • •								• • • • • •						
N O	CEIL 77.9	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
6 F	207001 82.2	e2.2	82.2	82.3	٤2.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
	180001 84.6	84.8	84.8	94.9	85.1	85.1	85.2	85.2	65.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	1600rl 35.9	85.9	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
	140001 88.6	98.6	88.6	88.7	88.6	88.8	88.9	88.9	89.9	88.9	88.9	88.9	88.9	88.9	88.9	86.9
	120301 93.1	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
4.	12000, 7311	,011	, C. • I	,	7.5.5	,,,,	,,,,	,,,,	70.4	70.4	, , , ,	,,,,	70.4	70.7	70.4	70.4
6E	100001 91.2	91.2	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GΕ		91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
	80001 92.6	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
64		93.1	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE		94.4	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
•	0.0.1	,,,,,	, , , ,	,	, , , ,	,,,,	,,,,	,,,,	, , , ,	,,,,	, , , ,	, , , ,	,,,,	,4.,	,,,,	,,,,
G.E	50001 95.5	95.8	96.D	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE		96.1	96.3	96.5	96.6	96.6	96 • 7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
6.5		96.7	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
ĞE		96.8	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
G F		97.7	98.C	08.1	98.3	98.3	98.4	90.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
		•								• • •		• •				
G.F	25001 97.1	97.7	98.€	96.1	98.3	96.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
6 E	20001 97.3	98.2	98.4	98.5	98.7	96.7	93.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	96.8
5 E	19001 97.3	98 + 3	98.6	90.7	99.5	99.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
6 F	15301 97.3	98.4	99.1	99.2	99.6	99.6	99.7	99.7	y9.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
θE	1200 97.3	98.4	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
ÇF	10001 97.3	98.6	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1,5.0	100.0
GE		98.6	99.4	34.5	99.9	99.9	100.0	100.6	130.3	100.0	103.0	100.0	130.0	100.0	100.0	100.0
GF	8001 97.3	78.6	99.4	99.5	99.9	99.9	100.0	100.0	140.0	100.0	107.0	100.6	100.0	100.0	100.0	100.0
Ú.F		78.6	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
GF		96.6	99.4	99.5	99.9	99.9	100.0	100.0	1J0.0	100.0	107.0	100.0	100.0	100.0	160.0	
ŭ	(66) 7145	70.0	77.4	77.3	94.9	77.7	100.0	100.0	135.0	100.0	10.7.0	100.0	100.0	103.0	100.00	100.0
GF	5601 97.3	98.6	99.4	99.5	49.2	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
6 F	4JC 97.3	98.6	99.4	99.5	99.9	99.9	100.0	170.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
υE	7001 97.3	98.6	97.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0
6F	2001 97.3	98.6	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
G.E.	1001 97.3	98.6	99.4	99.5	99.9	99.9	100.0	100.0	140.0	100.0		100.0	100.0	100.0	130.0	100.0
6.	01 97.3	98.6	99.4	99.5	99.9	99.9	100.5	160.0	100.0	100.0	100.0	100.6	100.0	100.0	100.0	100.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOUPLY OBSERVATIONS

AIR WEATHER SERVICE/MAC STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 76-85 HONTH: DEC HOURS (LST): 1800-2000 VISIBILITY IN STATUTE MILES GE 1 IN 1 GE FEET 1 1 GE 5 6 E 4 GE GE 3 2 1/2 GE GE GE 2 1 1/2 1 1/4 GF GF GΕ GE GE GE O 10 1/2 5/16 1/4 o 3/4 5/8 NO CEIL | 74.7 74.8 74.8 74.8 74.8 74.6 74.8 74.8 74.8 74.8 74.8 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 82.5 GE 160001 84.7 GE 160001 85.9 84.8 84.8 84.8 86.0 84.8 84.8 84.8 84.8 86.0 84.8 84.8 86.0 84.8 84.8 84.8 84.8 84.8 84.8 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 86.0 89.1 GE 14700| 89.0 GE 12000| 90.0 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 89.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 90.1 6F 180801 91.1 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 91.2 9000 91.3 8000 92.0 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 91.4 92.2 92.8 БĒ 92.2 92.2 92.2 92.2 92.8 92.2 92.2 92.2 92.2 92.2 92.2 92.2 92.2 70001 92.7 92.8 92.8 92.8 92.8 92.8 92.8 ĿΕ 60001 94.4 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 94.5 ĿΕ 50301 95.3 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 95.5 4500 95.8 4000 96.7 96.0 97.3 97.4 GΕ 96.0 96.0 96.0 96.0 96.0 96.0 97.1 96.0 97.1 96.0 97.1 96.0 97.1 96.0 97.1 96.0 96.0 97.1 96.0 96.0 96.9 97.0 97.0 97.4 GE 97.0 97.1 97.1 97.1 97.1 35001 97.1 GE 97.5 97.4 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 97.5 GE 300 C1 97.8 98.2 98.3 98.3 98.3 98.7 98.7 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 99.1 GE 99.0 99.1 99.0 99.0 99.1 99.1 99.1 99.1 99.1 99.2 99.1 99.1 99.1 20001 98.7 98.9 99.0 99.1 99.1 18001 98.8 99.0 99.1 99.2 99.2 99.2 GE 15001 98.8 99.4 99.8 99.4 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 10001 98.8 99.8 99.9 6 E 99.4 99.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 900| 98.8 900| 98.8 99.4 99.8 99.8 99.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 107.0 100.0 100.0 100.0 100.0 99.4 GΕ 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 7001 99.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.8 100.0 100.0 100.0 100.6 100.0 GF 60 cl 98.8 99.8 99.9 100.0 100.0 100.0 100.0 99.4 99.4 GΕ 5001 58.8 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 160.0 100.0 100.0 100.0 100.0 400| 99.8 300| 98.8 200| 99.8 99.8 9.5 99.9 99.9 100.0 100.0 140.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 99.4 99.8 99.8 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 6 E 100.0 100.0 140.0 100.0 100-0 100.0 100.0 100.0 100.0 100.0 1001 95.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF OBSERVATIONS: 9

99.8

99.8

F1 98.8

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-85 STATION NUMBER: 723865 STATION NAME: NELLIS AFB NY HONTH: DEC HOURS (LST): 2100-2300 VISIBILITY IN STATUTE MILES CEILING GE GE 1 1/2 1 1/4 110 GΕ GF GΕ GE GE GE GΕ ßЕ GE GE FEET | 10 3 2 1/2 z 1 3/4 5/8 1/2 5/16 1/4 5 4 6 NO CEIL | 76.6 76.6 GE 200001 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 84.7 GE 1800C| 86.0 GE 16000| 86.9 86.0 86.0 86.9 86.0 86.9 86.0 86.9 86.9 86.0 86.0 86.9 86.0 86.9 86.0 86.9 86.0 86.0 86.9 86.0 86.0 86.0 86.9 86.9 GE 140001 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.2 90.9 GE 120001 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.9 90.5 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 92.3 GE 100001 92.3 92.3 92.3 92.3 92.3 92.3 92.3 9000 92.4 92.4 92.4 92.4 92.4 92.4 92.4 93.5 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.4 93.5 92.4 GE 93.5 y3.9 93.9 93.9 93.9 93.9 GE 60001 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 95.4 GF 50001 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 96.3 4500| 96.7 4000| 97.2 3500| 97.3 96.8 97.3 97.4 96.8 96.8 97.3 97.4 96.8 97.3 96.7 97.2 97.3 96.7 96.8 97.3 97.4 96.8 96.8 96.7 96.8 96 · 8 97 · 3 96.8 96.8 97.3 GE 96.8 97.3 GF 97.2 97.3 97.2 97.3 97.4 30001 98.1 98.6 GE 2560| 98.4 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 99.1 99.4 99.7 2000) 99.0 1800) 99.0 1500) 99.0 99.1 99.1 99.4 99.1 99.4 99.7 99.2 99.5 99.8 99.2 99.5 99.8 99.2 99.5 99.8 99.2 99.5 99.2 99.5 99.2 99.5 99.2 99.2 99.5 GE 99.2 99.2 99.2 99.2 99.5 99.5 GE 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 1200| 99.0 10001 99.0 9001 99.0 8001 99.0 99.4 99.4 99.4 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.7 99.7 99.8 99.8 6 E 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 GE 6 F 7acl 99.0 99.4 99.7 99.7 99.8 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 G F 6001 99.0 99.8 99.8 100.0 100.0 140.0 170.0 100.0 100.0 100.0 100.0 100.0 100.0 99.4 99.4 99.7 5001 99.0 99.7 99.8 99.6 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 4301 99.0 30Cl 99.0 99.7 99.8 99.8 100.0 100.0 100.0 100.D 100.0 100.0 100.0 100.0 100.0 100.0 GF 99.4 99.7 99.7 99.8 99.8 100.0 100.0 100.0 100.6 100.0 100.0 100.0 100.0 100.0 100.0 2001 99.8 130.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 1001 99.0 99.4 99.7 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 01 99.0 99.4 99.8 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

TOTAL NUMBER OF ORSERVATIONS:

930

PERCENTAGE FREGUENCY OF OCCURPENCE OF CFILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

- '				ON NAME:							PERIOD MONTH	: DEC	HOURS	(LST):	ALL	
CEILING		•••••	••••	• • • • • • • •	• • • • • •	• • • • • • •			IN STATE			• • • • • • •	• • • • • • •	• • • • • •	•••••	•••••
	I GE	GE	GE	GE	GΕ	GE			GE		G£	GE	GE	GE	GE	GE
	1 10	6	5	4		2 1/2		1 1/2		1			1/2	5/16	1/4	0.
NO CEIL	1 74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000	01 02.8	92.9	83.0	83.D	83.3	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
	01 84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
GE 1600	0 65.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.D	86.0	86.0	86.0	86.0	86.0	86.1
GE 1400	01 88.9	89.0	89.1	89.1	69.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
GE 1200	01 90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
6E 1000	01 91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.6	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
6E 900	01 92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
GE 890	01 93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	01 94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
GE 600	01 95.2	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 500	01 95.8	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 450	01 96.1	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
GE 400	01 96.5	96.9	97.1	97.1	97.2	97.2	97.2	91.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3
i∈ 356	31 96.7	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
GE 300	CI 97.0	97.6	97.8	97.8	97.9	97.9	98.0	98∙0	98.0	98.0	98.6	98.0	98.0	98.1	98.1	98.1
GE 250	7 97.3	97.9	98.1	96.1	98.2	98.3	98.3	98.3	98.3	98.3	99.3	98.4	98.4	98.4	98.4	98.4
65 200	01 97.4	98.2	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 180	r 97.5	98.3	98.6	98.7	98.8	96.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
6E 15J	01 97.6	38.6	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
6F 12J	01 97.6	98.6	99.C	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
GE 120	01 97.6	98.7	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 9.J	n1 97.6	98.7	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GF 80	01 97.6	98.7	99.1	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
GE 70	01 97.6	98.7	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
GE 6J	01 97.6	98.7	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
GE 50	rl 97.6	98.7	99.2	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
	01 97.6	98.7	99.2	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
	ni 97.6	98.7	99.2	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE 20	01 97.6	98.7	99.2	99.2	99.5	99.6	99.8	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE 13	Cl 97.6	98.7	99.2	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
GE	rl 97.6	98.7	99.2	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0
• • • • • •	•••••		• • • • • •	• • • • • • • •	• • • • •	• • • • • •	• • • • • •				• • • • • •		• • • • • •	• • • • • •	• • • • • •	

PERCENTAGE FREQUENCY OF OCCURPENCE OF CEILING VERSUS VISIBILITY FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERIOD OF RECORD: 76-86 MONTH: ALL HOURS (LST): CEILING IN | GE FEET | 10 VISIBILITY IN STATUTE MILES GE GE GE GE GE GE GE GE GE GE 2 1 1/2 1 1/4 1 GE GE GE GE GE 3 2 1/2 5/8 1/2 1/4 0 6 5/16 NO CEIL | 78.7 78.7 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 78.8 GE 200001 86.5 86.6 87.6 86.7 86.7 86.7 86.7 86.7 86.7 86.6 86.6 GE 180001 87.5 GE 160001 88.3 GE 140001 91.3 87.6 88.5 91.5 87.5 88.4 87.6 88.5 87.6 88.5 87.6 87.6 87.6 88.5 87.6 67.6 88.5 87.6 87.6 87,6 87.6 87.6 88.5 91.5 88.5 88.5 91.5 88.5 88.5 88.5 91.4 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 GE 120001 93.4 93.5 93.5 93.6 95.1 95.1 95.1 95.1 GE 100001 94.9 95.0 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 95.1 9000 95.2 8000 96.8 95.3 95.3 96.9 95.3 95.4 97.0 95.4 97.0 95.4 95.4 95.4 97.0 95.4 95.4 95.4 97.0 95.4 97.0 95.4 97.0 95.4 97.0 GE GE 95.4 97.0 70001 97.1 07.4 GF 97.3 97.3 97.3 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4 98.1 GE 60001 97.8 97.9 98.0 96.0 98.0 98 . G 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 98.1 5000| 98.3 4500| 98.4 4000| 98.6 96.5 98.7 99.0 98.6 98.8 99.0 98.6 98.8 99.1 98.6 98.8 99.1 6 E 98.4 98.5 98.6 98.7 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.8 98.8 98.8 98.6 98.7 98.8 98.8 98.B 98.8 98.8 GE GE 99.0 99.1 99.1 99.0 99.1 99.2 GF 30101 98.9 99.2 99.3 99.4 99.4 99.4 99.4 99.4 2500) 99.0 2000) 99.0 1800) 99.0 1500) 99.1 99.6 99.7 99.7 99.3 99.5 99.5 99.5 99.6 99.6 99.6 99.6 99.6 99.6 99.7 99.6 99.6 99.4 99.5 99.5 GΕ 99.6 99.7 99.7 99.7 99.7 99.8 99.8 99.8 99.6 99.7 99.6 GE 99.6 99.7 99.7 99.7 99.7 99.7 99.8 99.8 99.8 99.8 GE 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 GE 12001 99.1 99.8 99.8 GE 10001 99.1 99.9 99.9 99.9 99.6 99.9 99.9 99.9 99.9 99.8 99.9 99.9 99.9 9001 99.1 AUGI 99.1 99.6 99.7 99.8 99.8 99.9 99.9 99.9 99.9 99.9 99.9 99.9 99.9 G.F 99.9 100.0 100.0 G E 99.9 100.0 100.0 GE 70CL 99.1 99.6 99.7 99.8 99.9 19.9 99.9 99.9 99.9 99.9 100.0 100.0 100.0 100.0 6501 99.1 99.5 SE. 99.6 99.7 99.8 19.9 99.9 99.9 49.9 99.9 100.0 100.0 100.D 100.0 100.0 100.0 GE 5001 99.1 99.6 99.7 99.8 99.9 99.3 99.9 94.9 99.9 99.9 100.0 100.0 100.0 100.0 100.0 100.0 99.6 99.4 99.9 99.9 99.9 400) 99.1 300) 99.1 99.5 99.9 99.9 99.9 99.7 99.9 100.0 100.0 100.0 100.0 100.0 100.0 99.9 GE 99.7 100.0 100.0 100.0 100.0 100.0 100.0 100.0 2001 99.1 99.6 94.8 99.9 100.0 100.0 100.0 100.0 100.0 100.0 100.0 99.6 GF 1001 99.1 99.6 99.7 99.9 100.0 100.0 100.0 100.0 100.0 GΕ CI 99.1 99.6 99.9 100.0 100.0 180.0 100.0 100.0 100.0

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

10TAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AN INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10
OVERCAUT WAS CONVERTED TO 10/10

CBSCURED WAS CONVERTED TO 10/10

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

AFETAC FROM HOURLY OBSERVATIO
R WIATHER SERVICE/MAC

STATION NUMBER:	723865	STATION	NAME:	NELL	IS AFB NV					M	NTH:		-	77-86		
HOURS (LST)	1		1	P 2	ERCENTAGE 3	FREQUENCY 4			OF				9	10	MEAN	TOTAL OBS
00-02	1 4	2.2		• • • • •	25.5	• • • • • • • • •	•••	•••••	••••	• • • • • •	••••	••••	16.0	16.3	3.8	930
G 3-05	1 4	1.3			23.2								18.1	17.4	4.1	930
U6-08	1 2	0.4			36 • D								23.4	20.3	5 • 2	928
39-11	l t	2 • 3			40.5								26.2	21.1	5.7	929
12-14	j 1	0.4			41.3								25.8	22.5	5 • 8	930
15-17	ı	9.1			39.2								26.8	24.8	6.1	930
18-20	1 2	6.2			29.2								24.1	20.4	5.1	930
21-23	1 3	6.3			28.2								18.0	17.5	4.2	930
TOTALS	1 2	4.8			32.9								22.3	20.0	5.0	7437

STATION NUMBER:	723865	MOITATE	MAMES	NELLIS	AFB NV					PERIOD MONTH		CORD:	77-86		
HOUPS (LST)	-	ŋ	1	PERC	ENTAGE 3	FREQUENCY 4	0F 5	TENTHS	OF 10	TAL SKY	COVER	9	10	MEAN	TOTAL OBS
00-02	1 40	3.3	• • • • • • • •		28.4	• • • • • • • • •	••••	• • • • • • •	•••••	••••	• • • • • •	15.0	16.3	3.8	846
03-05	1 39	7		ā	27.7							16.5	16.1	3.9	846
06-06	11	1.5			11.2							27.9	19-4	5.7	845
U9-11	1 7	7 • 5		4	11.8							26.8	23.9	6.1	844
12-14	1 7	1 • 2			10.9							28.0	23.9	6.1	846
15-17	1 5	· 8		4	12.6							28.6	23.0	۰.2	846
18-20	1 21	1 • 3		3	35.9							24.8	18.0	5.1	846
21-23	1 35	1		7	9.2							18.0	17.7	4.3	846
TOTALS	1 21	1.1		1	86.6							23.2	19.8	5.2	6765

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER:	723865	STATIO	N NAME:	NELL	IS AFB NV					OF RE	CORD:	77-86		
HOURS (LST)		ŋ	1	2	ERCENTAGE 3	FREQUENCY 4	OF 5	TENTHS OF	TOTAL SK	COVER B	9	10	MEAN	TOTAL OBS
un-02	1 41	1.4	••••••	••••	28.4		•••	•••••			15.6	14.5	3.7	929
03-05	1 38	3.1			33.2						15.9	12.8	3.7	930
J6 88	1 16	.6			43.9						24.1	15.5	5.0	930
09-11	1 11	1.1			47.8						25.2	15.9	5.3	929
12-14	1 6	.7			44.6						29.4	19.4	5.9	929
15-17	1 6	5 . 3			41.6						33.8	18.3	6.1	930
19-20	1 18	3.4			39.7						22.7	19+2	5 • 2	930
21-23	1 36	.1			31.8						16.3	15.7	4.0	930
TOTALS	1 2	1.8			38.9						22.9	16.4	4.9	7437

STATION NUMBER:	723865	STATION	NAME:	NELLI	S AFB NV					D OF REG H: APR	CORD:	77-86		
HOURS (LST)		е	1	P E	RCENTAGE	FREJUENCY	ÖF	TENTHS OF	TOTAL SK	Y COVER	9	10	MEAN	TOTAL OBS
00-02	1 47	7.7	• • • • • • •	• • • • • •	30.4	• • • • • • • • •	•••	• • • • • • • • • • •	• • • • • • • •	•••••	14.8	7.1	3.0	899
03-05	1 36	8.6			35.4						17.9	9.9	3.7	900
06-08	l 19	7.7			43.1						25.2	12.0	4.8	900
J9-11	1 13	5.9			49.6						23.8	12.8	4.9	900
12-14	1 10	7. 7			48.9						25.9	14.6	5.3	900
15-17	1 11	1.1			45.6						31.0	12.9	5.4	900
19-20	1 20	3.2			46.8						23.8	9.2	4.5	900
21-23	1 44	1.6			23.3						15.0	7.1	3.1	900
TOTALS	1 25	. 6			41.6						22.2	10.7	4.3	7199

GLOBAL CLIMATOLOGY BRANCH USAFETAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

USAFETAC FROM HOURLY OBSERVATION: AIR WEATHER SERVICE/MAC FROM HOURLY OBSERVATION:

PERIOD OF RECORD: 77-86
MONTH: MAY STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER 3 4 5 6 7 B HOURS | TOTAL 2 9 10 MEAN 3 1 085 20-02 1 12.5 2.6 930 51.8 6.5 63-05 1 41.2 17.5 33.2 8.1 3.6 930 22.8 9.2 4.3 930 C6-C8 [22.8 45.2 930 09-11 [50.4 23.5 11.3 4.8 12-14 | 53.6 26.3 11.3 5-1 929 15-17 | 53.9 930 19-20 | 18.0 51.9 21.1 930 21-23 | 45.7 33.4 930 TOTALS | 25 - 4 44.9 20.2 9.5 4 - 1 7439

STATICH NUMBER:	72386	5 STATIO	ON NAME:	NELL I	S AFB NV					OD OF RE Th: JUN	CORD:	77-86		
HOUPS {EST}		· · · · · · · · · · ·	1	PE 1	RCLNTAGE 3	FREQUENCY 4	0F 5	TENTHS OF	TOTAL SI	Y COVER	9	10	MEAN	TOTAL OBS
09-02	· · · · ·	65 - 1	• • • • • • • • •	•••••	22.9		•••		• • • • • • • •	• • • • • • •	9.3	2.7	1.8	900
U3-05	1	44.9			39.7						12.7	2.8	2.6	900
06-08	1	36 - 3			44.1						15.0	4.6	3.1	900
09-11	1	30.9			48.4						14.9	5.8	3 - 4	900
12-14	1	23.D			54.1						17.1	5.8	3.7	980
15-17	1	20 • 2			54.9						19.5	5.5	3.9	698
16-20	(26 • 8			50.3						18.6	4.3	3.6	899
21-23	1	56 • 1			26.7						13.5	3.8	2 • 4	899
TUTALS	ı	37.9			42.6						15.1	4.4	3.1	7196

TOTALS | 30.3

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER:	723865	STATION	N NAME:	NELLI	S AFB NV					D OF RE	CORD:	77-86	_	
HOURS (LST)		0	1	PΕ	RCENTAGE 3	FREQUENCY 4	OF 5	TENTHS OF	TOTAL SK	Y COVER	9	10	MEAN	TOTAL
20-02	1 52	₹.6		• • • • • •	25 - 8	••••••	••••	• • • • • • • • •			15.5	5.1	2.8	930
03-05	1 39	5.3			42.5						17.7	4.5	3.3	930
06-08	29	0.0			46.9						19.8	4.3	3.6	930
09-11	1 23	3 • 8			53.5						18.3	4.4	3.7	930
12-14	1 16	.6			56.6						20.2	6.7	4.2	930
15-17	1 13	5 . 5			56.4						22.4	5.7	4.3	930
19-20	1 22	2 • 4			48.3						23.2	6.1	4.2	930
21-23	49	2 • 2			28.9						15.1	6.8	2.9	930

19.0

5.6 3.6

7440

٠,٠

STATION NUMBER:	723965	STATION	NAME: N	ELLIS AFB NV				PERIOD Month	: AUG		77-86		
HOURS (LST)		ים ני	. 2	PERCENTAGE 3	FREQUENCY 4			TOTAL SKY		9	10	MEAN	TOTAL OBS
00-02	51	1.5	•••••	27.7		• • • • •	•••••		• • • • • •	16.0	4.7	2.7	930
03-05	1 40	0.0		39.9						14.8	5 • 3	3.1	930
26-08	1 28	0.0		51.0						17.3	3.7	3.5	929
∪7-11	19	.4		60 • O						15.8	4 - 8	3.7	930
12-14	1 11	. •1		67.0						17.1	4 • 8	4.0	930
15-17] 11	. • 9		59.5						24 • 1	4.5	4.4	928
18-20	1 23	.8		46.2						20.9	7.0	4 • D	927
21-23	1 46	. 7		31 • 2						15.9	6 • 3	3 • 0	927
TOTALS	1 29	•1		46.1						17.7	5.1	3.6	7431

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: MONTH: SEP 76-85 ٠,

									52.				
•••••••	• • • • • • • •	• • • • • • • •	Р	ERCENTAGE	FREQUE	NCY OF T				₹	• • • • • • •	• • • • • • • •	• • • • • • • •
(LST)	o	1	2	3	4	5	6	7	8	9	10	MEAN	101AL OBS
00-02	58.3	• • • • • • • • •		24.4			• • • • • • • • • •	• • • • • • •	• • • • • • •	12.9	4.3	2.3	900
03-05	48.7			34.8						12.0	4.6	2 • 6	900
U6-C8	28.6			48.2						19.2	4.0	3.6	900
09-11	19.4			57.0						17.7	5.9	3.9	900
12-14	12.1			59.0						23.4	5.4	4.4	900
15-17	13.9			56.2						23.2	6.7	4.4	900
18-20	32.0			44.1						17.7	6.2	3.5	900
21-23	49.2			33.2						12.2	5.3	2.6	900
TOTALS	32.8			44.6						17.3	5.3	3.4	7200

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 76-85 MONTH: OCT

•••••	• • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • •	PERCENTAGE	FREQUENCY	OF.	TENTHS OF	TOTAL	SKY	COVER	• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • • •
HOURS (LST)		3	1	2	3	4	5	6	7		8	9	10	MEAN	TOTAL OBS
00-02	i	55.6	• • • • • • • • • • • • • • • • • • • •	•••••	27.3	• • • • • • • • •	•••	********	• • • • • •	••••	• • • • • • •	11.6	5.5	2.4	930
03-05	1	53.9			28.3							12.3	5.6	2.5	930
36-08	1	31.0			41.9							21.1	6.0	3.8	930
09-11	1	29.5			44.0							19.2	7.3	3.8	930
12-14	1	24.9			46.5							21.3	7.3	4.0	930
15-17	ı	24.5			44.2							24.9	6.3	4.2	930
18-24	1	42.3			34.8							17.5	5.4	3.2	930
21-23	ł	53.3			29.5							12.3	4.5	2.5	930
TOTALS	1	39.4			37.1							17.5	6.0	3.3	7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: MONTH: NOV STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS | TOTAL 3 5 10 MEAN ŋ OBS 42.4 00-02 | 3.5 900 10.1 18.2 29.2 03-05 | 45.4 29.1 16.4 9.0 3.3 900 24.9 9.8 4.7 900 06-08 | 48.2 09-11 | 15.1 47.2 26.1 11.6 12-14 12.9 29.5 13.7 43.8 32.0 14.0 5 • 5 899 15-17 | 12.9 41.0 900 19-20 1 35.7 30.0 19.1 15.2 900 18.9 13.3 3.8 21-23 | 41.8 26.0 7194 TOTALS [27.9 36.8 23.1 12.1 4.4

STATION NUMBER:	7238	65 STA	TION NAME:	NELL	.IS AFB NV					PERIOD Honth		CORD:	76-85		
HOUPS (LST)		с	1	2	FRCENTAGE	FREQUENC	Y 0F	TENTHS 6		TOTAL SKY 7	COVER	9	10	MEAN	TOTAL OBS
ეn-0∠	1	45.6		• • • • • •	25.1	•••••	••••	•••••	• • • •	•••••	• • • • • •	16.6	12.8	3.5	930
03-05	i	46.0			24.6							16.7	13.3	3.5	928
06-08	ı	21.4			36.1							27.3	15.2	5.1	930
∪9-11	i	16.2			35.6							30.8	17.2	5 • 6	930
12-14	ı	13.5			36.6							31.6	18.3	5 • 8	930
15-17	1	13.1			46.6							28.1	18.8	5 • 6	928
19-26	1	32.8			28.0							20.6	18.6	4.6	930
21-23	ı	39.0			27.1							18.6	15.3	4.0	930
TOTALS	1	28.5			31.6							23.8	16.2	4.7	7436

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER FROM HOUPLY OBSERVATIONS

STATION	NUMBER:	723	365 STAT	ION NAME:	NELLI	S AFB NV	•						D OF RE H: ALL	coro:	76-86		
••••••	HOURS (LST)		٥	1	P E	RCENTAGE	FREQI	UENCY	0F 5	TENTHS	OF T	OTAL SK	Y COVER	9	10	MEAN	TOTAL OBS
JAN	ALL	ı	24.8		• • • • • •	32.9	••••	•••••	• • • •	• • • • • • •	••••	******	•••••	22.3	20.0	5.0	7437
FEB		ı	21.1			36.C								23.2	19.8	5 • 2	6765
MAR		i	21.8			38.9								22.9	16.4	4.9	7437
APR		t	25.6			41.6								22.2	10.7	4 • 3	7199
MAY		1	25.4			44.9								20.2	9.5	4 - 1	7439
JUN		1	37.9			42.6								15.1	4.4	3.1	7196
JUL		1	30.3			45.1								19.0	5.6	3.6	7440
AUG		ı	29.1			48.1								17.7	5.1	3.6	7431
SEP		1	32.8			44.6								17.3	5.3	3.4	7200
0 C T		ı	39.4			37.1								17.5	6.0	3.3	7440
NOV		1	27.9			36.8								23.1	12.1	4.4	7194
DEC		1	28.5			31.6								23.8	16.2	4.7	7436
	TOTALS	1	28.7			40.0								20.4	10.9	4.1	87614

VPPLICATIONS CERTIFIE ENATHONNEMENT TECHNICAL A S VIU FORCE

PART E

PSYCHROMETRIC SUMMARIES

bundately. The order and memer of presentactons follows: Is this ection ere becerring anniverses of all artering temporation described and relative

- corat bimber of observations to three separate tables as follows: and annual for all years combined. These tebulations provide the cumulative percentage frequency to temperature by 5-degree Fabrenheit increments, plus mean temperature, standard deviations, and CHEMITALING DESCRIPTION OF OCCUSTORS - DESCRIPTION OF THE BUT OF STATE OF S
- e. Daily maximus temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures
- for further information on reporting practices of individual stations. from as early an Japuary 1949 and later. Please refer to notations on summary pages and Station History mum and minimum temperatures are required but not recorded, these are also selected from hourly data Air Force operated stations. For those stations observing less than 24 hours per day, and where moxipontly observations recorded on surface observaing forms or from automated deae collections for all NOTE: Beginning in Jeounty 1964, daily maximum and minimum temperatures are routinely selected from
- any column. Two tables of daily extremes are prepared: Means and standard deviations are computed for mobilis and numbel viten four or more values are present for record evellable. An annuel (ALL MONTHS) value to relected when all months for a year have valid extremes. EXERGME VALUES - derived from daily observations with the extreme value selected for each year and month of
- e. Extreme meximum temperature
- b. Extreme minimum temperature

MOTE: The following symbols are used in the extreme data blocks:

- for less than 24 hours for at least one day in the month. (S) 🛊 Indicates the extreme was selected troms a month in which hourly temperatures were available
- .addnom edelomoont Avines tor means and standard deviations do not include no contraction for

(T) * indicates the extreme was selected from a month with one or more days missing.

Continued on Reverse

and high and an experimental properties of the contract of the contract of the contract of the contract of the

3. Bivariate percentage frequency distribution and computations of dry-bulb versus vet-bulb temperature.

These tables have been temporarily discontinued for the Russwo pending the advent of RUSSWO-2 in mid 1986.

- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-FORM TEMPERATURE.
- 5. Cimulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by menth and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DAILY TEMPERATURES

SUGRAL CLIMATOLIST BRANCH
SMAFETAC
ATT ACATHER SERVICE/MAC
725865 NELLIS AFB NV
STATION NAME

42-44, 49-86 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS.

MAXIMEM

TEMP - F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA
1:>						• 3	1.4	.1	• 1.				
110					• 3	0.2	15.2	7.6	. 7				2.
105	~		•	•	1.5	23.1	51.1	33.4	7.7			-	11.
Ĩas	-		•	• 1	7.7	40.2	93.2	73.0	29.9	ُ ذ •	,	-	
9.	-		-	2.4	. 5	77	95.5	29.2	55∙3	1.5		-	29.
o -	*		• 2	10.5	47.6	f6.7	98.7	96.€	77.2	22.3		-	37.
25	-	1	2.5	24 8	68.0	94.0	99.7	99.1	89.2	41.1		-	الومي
ลู	.1	1.5	12.0	46.3	79.9	78.2	175.6	99.7	96.4	62.2	د . 7		
7 €	1.5	7.9	28.3	65.4	٤9.5	29.7		99.8	98.8	7:.3	23.5	. 7	
•	4.5	21.5	48.5	79.8		170.0		100.5		89.6	42.6	5.5	5.5
65	18.7	43.7	58.0	90.0	68.5				100.0		54.1	19.4	7:
5	43.5	69.4	95.t		100.1	•		,	, , , , , , , , , , , , , , , , , , ,	90.8	79.9	45.5	84
۴.,	65.7	57.	95.6	94.3	• . , • ,	•				99.8	93.4	71.3	92
c ·	35.5	94.6	93.9	99.9		•		•		100.0		00 · 4	97
4.5	- 64.2	96.6		100.0				•		. AUGPW.	06.9		99
4 ,	76.3		100.0			•					709. .1020u.	-	•
3.5		1 13	1000								بهد • تستاه ،	77.4 √ 99.e	
7	100.3	· • · · · · · · · · · · · · · · · · · ·	•	•	•	•						100.0	
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MEAN	. 57.3,	.نوتۇ.	50.6.	.77 •7.	. 27 . 7.	93.3.	104.2.	171.3	24.7.	B1.7	67.4.	58.3	ىندقى .
5 D	_ 7 .7 ^5]	_8 •0.39 ;	8.591	9.399	9.197	7.971	5.335	5.897		9.168	8 - 444	7.135	16.25
O'AL OBS	1231	1130	1260	1230	1271	1230	1271	1271	1200.	1209	1170	1239	1468

USAFETAC ON 0.21.5 (OL A)REVIOUS EDITIONS OF THIS FORM ARE DESCRETE

GEORAE CLIMATOLOGY GRANCH USAFETAC AIR AFATHER SERVICE/MAC 723855 NELLIS AFB NV STATION NAME

DAILY TEMPERATURES

42-44 49-35 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCUPRENCE (FROM DAILY OBSERVATIONS)

MUMIFIE

TEMP	• let	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OC1	NOV	DEC	ANNUAL
							.1.	• 9 .	• -					
	a 3						1.2	9.4	5.0	•	•		-	1.4
	3			•		. • • • ·	8.2	33.5	?3.u	1.7.	•		-	-
	75		•			4 -	22.7	61.8	52.6	9.7	. 1		-	12.
	7		•		- 1	11.5	46.2	35.3	77.4	78.1	. 7		-	71.
	c			• ?	3.1	79.1	76.3	96.5	92.9	57.6	5.42		*	34.
	i.		• 2	1.1	12.7	F5.7	92.0	99.0	98.5	51.2	18.8	• 5	. 1	39.
	- GL .		. د د د د د	4.5	33.7	79.		100.0	59.9	95.0	44.1	2.6	. ت	47.
		1.5	7•2	19.4	59.4	93.0	99.8		100.0	99.3	65.6	11.5	1.7	55.
	45	. ••3. ••3	19.7	45.2	83.5		100.3	•	20000,	100,0	87.5	25.0	6 - 4	55.
	4 C	19.5	41.7	74.8	97.0		• >0,• a.		•	rugeu.	96.8	56.1	17.4	75
	35	. 42.2	67.4	91.9	99.8	. 4.00	-		•	•	99.3	911.3	39.1	55.
	- 35 - 3	. 42.4. 53.5	75.3	95.3	99.9				-		77• <u>3</u> . 99•5	87.0	51.0	38.
	. 13 . 35	. 53.E. 68.8	-		150.3						99.8	94.5	~ ± +	93.
	35 25		87.7		100.0				•	•	199.8,	74.9.	71.5	93. 93.
		89.0,	97.1		-						Itueu.		71.5	
	25	96.2.		100.0					-			9.9	95.3	99.
	15	. y9.2.	1									160.0	44.8	
	1.5	_ 183.3.						•					- ₩ - ₩ -	1
													-	
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										+		•		
ME	AN '	#r 47.1	7.4	u 3 . 7	5.1.5	* · · · · · · · · · · · · · · · · · · ·	63 7	7. 7	70 =	45.4	52.0	47.4		53.
5		7.499	7.435	6.736	6.677	7.471	7 99	c . 274	0.417	5.693	7.262	7.249		10.66
	-							1						

USAFETAC FORM 0-21-5 (OL A)REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLOPAL CLIMATOLOGY BRANCH
USAFETAC
ATR MEATHER SERVICE/MAC
723965 NELLIS AFE NV
STATION NAME

DAILY TEMPERATURES

42-44, 49-86

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

7	EMF 1ºF1		JAN	FEB	MAR	APR	MAY	JUN	JNI	AUG	SEP	oct	NOV	DEC	ANNUAL
	133							•1.	• 9.	• 5	-				•
	9.5	_					. •2.	4.5	29.7	10.1	• 2.			_	2.
	9 _						. 1.3.	23.2.	57.6.	44.2.	5.7.				11.
	35	_					. 7.5.	50.1	90.7	7ä+2	26.0.			_	21.
	83					. 7	. 25.6.	76 . 7.	99.0.	95.C	57.02.	2.9		_	
	75	_				8.5	54.3.	91.1	99.9	99.4	83.4	17.3.			30.
	7 3	_	_	•1.	1.7	27.2	73.7	97.3	100.0	100.0	96.5	43.7	ُ ذ ہ	_	45.
	65	_		1.3	11.5	52.7	97.8	99.3			99.5	66.9	4 . 8	• ì	: 2.
	5.	-	1.0	3 • 8	33.1	77.2	95.6	100.0			99.9		23.1	. 7	51.
	55	-	5.0	27.6	62.1	21.6	99.8				103.0	95.7	49.8	6.0	70.
	5 .	-	27.9	58.3	86.0.	94.9	100.0	•		•		99.1	76.0	26.5	11.
	45	-	59.2	53.1	96.5	99.9		•	. ,	•		99.8	92.4	52.J	9.
	4.7	-	32.2.	94.6		156.3		•		•		99.9		·	95.
		-	94.4		100.0	1.4.0		•		•	•		173.3		39.
	7.0	-	93.8.		****			•		•	•			99.6	99.
	25	-	99.8	A - = 4.m.			•						•	130.5	195.
	30	- ,	155.]	•	•			•	•		•			ي ب•لوغواد	100.
	* V		rober.		•						•	•	•	~	å (. ●
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	MEAN	_	45.4.	_5:.7.	. دهه	64.8	. 74 3.	64	93.5	- 38-3	30.4.	67.5.	54.2	46.E	60.
	S D	_ 6	453	6.562	6.417	7.035	7.656	6.662	4.496	5.036	6.032	7.11u	6.525	5.629	17.61
10	TAL OBS	-	1231	1130	1260	1230	1271		1271	1271		1209	1175	1209	1468

USAFETAC 200 0-21-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES OF MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFE NV

PERIOD OF RECORD: 42-44, 49-86

YFAP İ	NAL	FEB	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												
		FLB	MAR	APR	HAY	JUN	JUL	AUG	SEP	OCT	NOV	GEC	MONTH		
	• • • • • • • •	• • • • • • • •	*#2	90	105	110	119	114	110	99	83	77	• • • • • • •		
43 (75	8.0	87	98	104	106	115	109	105	97	80	67	11		
44	70	71	81	86	95	110	108	110	108						
49	*54	71	80	9.8	103	110	117	112	108	97	86	76	11		
50 I	71	8 1	89	100	106	116	116	113	116	101	84	75	11		
51 i	74	8.0	84	92	110	112	112	111	105	93	76	68	1 1		
52 l	64	70	80	92	102	105	111	111	108	99	81	72	_ 11		
53	74	77	86	96	94	112	113	111	107	98	81	69	11		
54	76	8 1	79	97	102	117	112	111	105	96	79	66	1.1		
55	63	74	8.3	87	99	112	111	109	111	95	8.3	76	1 2		
56	70	71	90	93	102	114	110	110	107	96	83	72	11		
57	66	81	82	89	98	114	113	112	107	92	73	74	1.1		
58 i	70	8 D	75	96	105	110	114	111	109	96	82	77	1 1		
59	75	72	82	98	100	112	114	106	104	95	76	73	11		
60 1	65	76	86	94	104	109	115	111	105	95	81	67	1.1		
61	70	80	8.2	95	99	115	115	108	98	93	72	62	11		
62	74	70	84	95	98	110	1 ii 7	111	104	95	82	70	11		
63 I	68	9.0	61	86	98	104	109	107	104	100	79	65	10		
64 i	67	68	83	90	99	106	111	108	101	99	78	70	11		
65 I	70	74	79	94	97	103	108	108	98	95	82	65	10		
66	64	67	90	93	102	107	111	112	102	88	81	68	1.1		
67	68	73	82	79	184	109	113	114	99	92	84	64	11		
68	67	78	85	90	104	110	110	104	104	68	78	64	11		
69	68	62	86	90	106	104	113	115	107	95	78	70	11		
70	77	79	a 6	90	102	117	114	112	106	96	77	67	11		
71	80	79	88	8.8	92	110	112	109	107	95	75	62	11		
72 l	62	0.8	90	89	98	113	115	110	99	88	75	66	11		
73	63	67	72	92	103	114	116	109	107	95	83	72	11		
74	61	74	86	88	106	113	110	107	107	96	72	65	11		

NOTES * (BASED ON LESS THAN FULL MONTHS)

* (AT LEAST ONL DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

EXTREME VALUES OF MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 42-44, 49-86

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ı	-M-0-N-T-H-S-												ALL
YEAR I	JAN	FLB	MAR	APR	MAY	JUN	JUL	AUG	SEP	061	NOV	CEC	MONTHS
• • • • • • • • • • • • • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •		• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	,	• • • • • • • • •	• • • • • • • • • • • • •
76	74	73	3 I	87	101	1 19	112	105	103	85	84	69	112
77	68	79	9.0	92	101	112	111	110	108	95	82	73	112
78	62	69	8 Z	8 3	99	107	112	113	105	101	83	60	113
79	58	69	80	91	99	112	111	113	105	98	72	73	113
AG !	67	75	75	93	94	108	111	112	103	101	86	74	112
81	68	79	86	96	94	111	115	112	1 C 3	87	83	71	115
92	72	76	76	91	96	107	111	109	109	90	71	63	111
83 1	72	77	81	84	106	107	112	110	102	84	81	70	112
84	69	72	84	97	112	109	113	109	104	92	80	66	113
85	64	72	82	98	99	114	117	112	103	93	79	68	117
86	70	86	89	93	105	111	100	112					
	• • • • • • •	• • • • • • • •				• • • • • • • •							
ME AN	69.0	75.0	82.8	91.5	101.0	110.2	112.3	110.3	105.2	94.5	79.7	69.2	113.1
5.0.	5.013	5.114	4.308	4.786	4.376	3.504	2.735	2.411	3.606	4.303	4.048	4.485	2.221
TOTAL OBS !	1231	1130	1260	1230	1271	1230	1271	1271	1200	1209	1170	1209	14682

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 42-44, 49-86

	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTHS
42	• • • • • • • • •	• • • • • • • •	*28	41	42	59	63	60	50	34	30	23	• • • • • • • •
43	12	27	35	38	42	4 B	60	59	59	40	28	29	1
44	25	2 6	31	40	44	49	62	59	50				
49	*18	19	36	41	49	57	66	57	51	30	33	14	1
50	10	16	27	35	43	50	67	61	50	41	17	27	1
51 1	19	22	27	40	44	56	68	63	56	40	30	23	1
52 I	16	26	29	44	55	59	63	69	55	45	20	25	1
53 I	26	20	28	31	43	52	62	61	53	38	28	18	1
54	19	33	29	41	47	52	70	59	56	39	34	24	1
*5 I	26	23	27	3.8	43	50	60	65	54	43	28	25	2
56 I	24	22	25	37	52	60	66	63	59	35	23	18	1
57	23	25	35	41	49	61	5 0	57	56	44	22	26	2
58 I	26	32	33	38	5.3	59	67	70	57	40	25	28	2
59	16	28	35	43	44	61	70	64	52	43	28	26	1
60	22	25	3 3	38	48	61	67	63	58	42	33	27	2
61 I	23	3 C	35	42	54	61	66	67	52	37	24	18	1
62	15	24	21	4.0	44	51	64	68	56	46	34	15	1
63 I	12	3 3	3 C	38	48	55	61	68	60	49	27	22	1
64	17	24	27	36	41	50	69	64	52	43	25	14	1
65 †	19	20	24	37	49	5.3	64	58	47	42	28	27	1
66	19	22	28	33	49	52	ь1	63	50	39	28	19	1
67	21	22	32	35	41	52	72	72	58	41	33	23	a
68	20	30	37	37	46	51	62	54	51	39	31	12	1
69	22	27	30	39	5 3	61	66	67	58	40	28	24	2
70	13	32	35	37	50	59	60	73	48	26	29	24	1
71	19	20	21	3.8	46	55	65	70	46	25	28	20	1
72	16	16	35	38	46	61	o 5	61	5 3	40	30	19	1
73 I	15	26	37	4 D	48	61	65	58	54	42	25	25	1
74 İ	12	30	33	40	4.8	55	69	6.3	52	44	29	25	1
75	23	25	35	37	45	59	66	61	57	33	23	21	ž

NOTES * (BASED ON LESS THAN FULL MONTHS)
* (AT LEAST ONL DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

EXTREME VALUES OF MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION NUMBER: 723865 STATION NAME: NELLIS AFB NV

PERIOD OF RECORD: 42-44, 49-86

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	••••					,	HOLE DEC	REES FA	HRENHEIT	• • • • • • • • •				
	1						-M-0-	N-1-H-5	-					ALL
YEAR	1	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	LEC	MONTHS
76		19	29	34	37	49	56	68	59	5 g	41	23	20	19
77	i	22	30	30	40	44	60	65	66	55	44	31	32	2 2
78	i	31	34	4 D	39	45	62	59	58	50	46	3 3	25	25
79	1	25	26	38	4 1	48	56	60	60	60	39	25	25	25
09	1	27	31	41	39	46	51	66	61	58	36	27	22	22
81	ı	27	27	42	41	49	56	70	66	57	41	34	23	23
8.5	1	23	2.3	36	42	50	52	ь5	70	53	42	31	29	23
A3	1	28	35	40	39	48	62	65	62	60	47	30	26	26
84	1	25	30	34	39	54	64	62	70	62	39	30	28	25
85	1	26	23	35	46	51	59	62	65	52	48	21	26	21
86	ŧ	26	21	4 3	45	51	63	6 5	71					
MEAN	: • •	20.8	25.9	32.6	39.0	47.3	56.4	64.5	63.5	54.4	39.9	27.8	23.0	18.9
S.D.	1	5.182	4.855	5.438	2.941	3.746	4.554	3.279	4.760	3.959	5.095	4.152	4.565	4.378
TOTAL OBS	i	1231	1130	1260	1230	1271	1230	1271	1271	1200	1209	1170	1209	14682

NOTES * (RASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)

MEANS AND STANDARD DEVIATIONS

WET-BULS TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723855 NELLIS AF3 NV 76-86

723855	AFF	TII TE	3 NV				76-8	ь						
STATION			57	ATION NAME						YEARS				
HRS (LST)		JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP	OCT.	NOV.	DEC	ANNUAL
	MEAN	35.4	3 = . 5	42.4	45.2	51	F4.5	63.3	61.7	50.4	47.5	3 5 • 7	33.0	47.
10-07	S D	5.90	6.957	5.754	4.647	5.386	4.895	6.252	6.293	5.643	5.464	6.683	6.475	10.993
	TOTAL OBS	970	646	<u> 579</u>	955	930	900	9 35	930	\$9°	979	900	930	1 953
	. MEAN	33.9	 36.9	42.9	43.6	4 5 • 6	- 2.2	58.5	60.4		45.4	37.3	· · · · · · · · · · · · · · · · · · ·	45.5
3-35	S D	6.1~1	7.144	5.866	5.1.1	5.195	5.182	6.87.	6.924	6.082	5.227	0.687	6.556	11.124
	TOTAL OBS	974	. 5.46	५ <u>३</u> ६	. 9 JQ	9.3.	9,00,	930	<u>930</u>	<u>9</u>	932,	953	. 93.	_ 1°95s
	MEAN	33.:	36.5	41.4	45.5		5.3	£1.1	62.3	55.4	46.	37.1	31.9	- 46.6
- 6 - 3 F	S D	5.124	7.213	5.372	5.3.5	5.125	4.690	6.117	6.445	6.128	6.367	0.678	6.554	11.957
	TOTAL OBS	५ ३८	. 646	935	3	, <u>930</u>	נרפ	9.30	932	<u>90</u> 0	9.30.	933	930	10956
-	. MEAN	79 •	42.5	46.3	50.4	55•5	€2.4	65.4	65.4	61.3	52•5	43.7	7a.2	 5.•o
9 - 1 1	S D	5.250	0.336	4.943	4.954	4.543	3.931	4.420	4.332	4.876	5.213	5.901	5.557	
	TOTAL OBS	935	<u>. 245</u>	932	9.3	+- 935	900	93.	930	75	970	. 70.	. 930	_ 1 `\$05
	. MEAN	43.0	45.9	48.5	52.5	د 57٠3	62.9	67.4	C. 56	63.2	55.2	47.3	42.5	 54.5
12-14	S D	4.884	5.795	4.722	5 43	E61	3.943	3.571	3.777	4.516	4.945	5.464	4.954	10.074
	TOTAL OBS	933	. 8 <u>45</u>	930	. <u>9.3</u>	93 <u>5</u>	973	930	930	950	93.	<u> 9</u> 12.	<u></u>	1^y55
	MEAN	43.2	46.2	48.5	52.9	57.6	63.4	67.6	67.9	63.1	55.2	47.1	42.7	- 54.7
11 -17	\$. D	4.860	5.629	4.535	5.050	5 75	3.868	3.154	3.473	4.352	4.941	3.555	4.985	10.037
	TOTAL OBS	930	4.6	935	905	936	923	930	928	97.	935	<u> </u>	930	10954
	. MEAN	39.5	45.1	46.5	50.5	55.4	50.9	65.5	65.7	6	51.6	43.1	. 33.3	- 51•d
: : - 2^	\$. D	5.275	5.955	4.713	4.861	4.9=1	3.936	4.357	4.341	5.322	5.413	5.935	5.612	11.693
	TOTAL OBS	93.	546	935	£59	930	920	935	927	9:	930	<u> 300</u>	930	10952
•	MEAN	77.1	40.4	44.2	47.5	52.4	57.0	62.3	63.5		46.5	· <u>-</u> 3	35.4	 43.9
21-23	S. D.	5.654	6.331	5.226	4.693	5.020	4.175	5.191	5.385	5.525	5.753	6.3.0	5 • 14 c	1
	TOTAL OBS	975	246	935	913	935	933	930	927	955	,9 <u>3</u> 9.	<u> </u>	930	10953
ALL	MEAN	7.6.1	41.2	44.8	48.5	53.5	58.5	€3.5	64.5	59.2	5 - • 2	41.6	36.7	1
HOURS	\$. D.	5.554	7.344	5.951	5.954	5.965	5.733	6.061	5.949	6.119	6.753	7.257	7.145	11.351
HOURS	TOTAL OBS	7440	6766	7439	7199	744_	7270	7440	7432	719ê	7440	7200	7440	87634

USAF ETAC FORM 0-89-5 (OL A)

MEANS AND STANDARD DEVIATIONS

URYHRULS TEMPERATURES DEG F FROM HOUPLY DESERVATIONS

723855	VELLIS AFB NV	7 6- 86
STATION	STATION NAME	 YEARS

HRS (L.S.T.)		JAN	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ANNUAL
	MEAN	41.9			59.3			23.2°					4:.7	6.02
70-02		5 • 1 5 1	7.050	6.29.	7.346	5.572	5.575	6.571	6.448	6.650	7.214	c • . 10	6.799	16.487
	TOTAL OBS	930.	546.	930	2	93:	25L	934.	9.30.	بيد 2.5 ع	. 93	3.2£.	921.	1 1952
								4		· ·				-
	MEAN	39 ⋅ 5						73.5					30.5	. ه <u>ه</u> ۲
J - J 5	5 D				· · · - · -								3.588	
	TOTAL OBS	970.	8,46	930	9.19.	97	90G.	93.,	930,		y I	y 001	931.	12955
	MEAN	₹9 . ∠	43.3	53.2	59.1	49.1	79.5	F 3 . 9	81.3	72.7	50.3	4 . 4	37.4	5
5 + . 3	5 D.	.,											5.596	
	TOTAL OBS							93				9		
		, , <u>, , , , , , , , , , , , , , , , , </u>		_ /= 4,	. / = =.	· .· ∡ = 🛩 ·	2==,	. / 2/16.		. /	/		,	
	MEAN	-7 · y	53.5	61.2	69.7	75.6	93.5	94.9	- 3 • 2 • 3	44.0	71.5	57.5	47.7	?~•5
9-11	\$. D	5.001	7.962								8.155			18.30
	TOTAL OBS	975	846	930	910	¥ = 0	923	930	970.	924.	97-	300.	931.	12956
														-
	MEAN	55 . 3	65.9	55.8	75.3	94.2	96.0	100.5	98.5	9.00	78.6	£4.9	5€.2	77.4
12-14	\$. D.	5.221	8.125	7.288	9.279	12.399	7.087	7.030	7.414	5.341	8.379	6.572	0.160	17.533
	TOTAL OBS	9.3	646	935	9 2	9 50	900	930	930	<u>90</u>	<u> </u>	<u>, , ,))</u>	937.	10950
			-											-
	MEAN							111.9						70.1
15-17	\$. D.	5 - 4 8 5											6.368	
	. TOTAL OBS	971	546	9.2.2.	9		973	973	928	<u> </u>	<u> </u>		935	. <u>1</u> 2984
-	MEAN							<u> </u>				· -, .	47.9	71.5
15-27								7.209						13.833
. 572														
	TOTAL OBS	9:	. 346	7.55	Y~	9	<u></u>	<u>.</u>	X	У		ÿ2.	931.	. 11953
	MEAN	44.5	49.8	55.7	64-3	77.3	84.2	59.2	F 7	77-0	63.9	51.5	43.	65.4
71-27	S. D							6.127						17.493
	TOTAL OBS							930						12953
ALL	MEAN	46.0	51.8	57.6	66.5	75.4	66.6	91.1	59.1	3 5	67.5	5 4 , 5	42.1	57.
HOURS	S. D.	3.649	10.376										9.315	
	TOTAL OBS	7445	6768	7443	72.0	744.	7.00	7443	7432	7200	744E.	7250	7443	6764.

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOUPLY DESERVATIONS

°23355	NELLIC AFR NV	76-36
-		
STATION	STATION NAME	YFARS

STATION			STAT	ION NAME						YEARS				
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV	DEC	ANNUAL
	MEAN	24 • ₫	26.7	29.6	27.8	31.3	71.4	43.4	45.9	41.1	31.0	24.1	71.1	31.3
~3-32	5 D.	9.9751	1.6361	1.113	5.772	9.377	9 25	14.0021	3.5531	11.4843	10.5781	J. 6 37	12.134	13.274
	TOTAL OBS	. 93 <u>0</u> .	. 246.	929	9.22	<u> 9 - 3</u>	923	93.	93C:	.د9ۇ.	<u> </u>	<i>9</i> _0.	40°	17973
	MEAN	24.1	26.1	29.2	27.7	31.4	31.6	43.4	46.3	42.5	 3£.7	23.5	"č.3	?1•1
73-36	5 D	9.8511	1.6351	3.947	8.923	9.37a	. 291	14.2281	3.876	1.170	13.5011	734	2.201	13.493
	TOTAL OBS	. 971.	646.	934.	913.	. 93.	922	<u>931</u> .	930.	920.	931.	900	977.	17950
-	MEAN	23.2	26.1	29.4	28.9		23.8	42.6	47.9	42.0	31.3	2≟.5	~	31•9
្ង - ុះ ន	S.D.	9.74.3	1.4721	43	8.856	: • 792	5.394	13.3551	3.1691	1-994	10.5081	13.475		13.561
	TOTAL OBS	933,	ō46.	ج 32 ح	9.5	935	972	<u> </u>	9. 3. 0.	900.	932,	٠,٥,	93.	1 955
	MEAN	25•∂	27.8	29.4	29.3	33.i	35.4	44.4	48.8	43	۱ د ۲		73 . 3	₹3•4
11	S D	9.72.3	1.0741	2.473		_		11.4371		lL.16_	9.577	7.9020	11.0:1	12.5.3
	TOTAL OBS	9.70.	o45.	<u>935</u>	900	4 2	920	<u> 93.</u>	<u>930</u> ,	92	972.	٠	÷3	1 `7 " 5
	. MEAN	 ?5.4	27.i	28.1		 32•£	36.2	44.7	48.1	42.E	32.5	_ 0 b • 2	24.1	ود:
12-14	\$. D.	1 - 1 4 3 1											12.752	12.11
	TOTAL OBS	. روڍو	£45.	93 <u>0</u>	<u> </u>	935	925	935	933	95 <u>.</u>	9. <u>7.</u>	9 <u>1 .</u>	93	177.5
	MEAN			27.3		77.1	75.2	44.1	40.7	41.5	72.3		24.2	'
7	S. D.	10.1901												12.013
	TOTAL OBS							930						
	. MEAN	26 . +	26.9	76.4	27.5		34.2	42.5	45.5	41	31.5	31.1	22.5	72.
· -;-	S.D.	10.3961												1:.3.
	TOTAL OBS		<u> </u>				1	930						10982
	MEAN	25.5	27.1	29.5	27.9	7~	31.5	40.5	<u>и</u> с о	41.)	3	- • 5	2•1	دخين
1-27	S D													
	TOTAL OBS			-				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						. 1273
	. MEAN	25.5	 26.8	25.9	76.2	31.0	33.4	42.5	46.0	41.7	. 31.7	-4.9	22.4	72 • 1
All	S D	13.5251												
HOURS	TOTAL OBS						_							

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RELATIVE HUMIDITY

723865 NELLIS AFB NV	77-86	P'AL_
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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL NO: OF
MONTH	(L.S.T.)	10°	20°∘	30%	40%	50%	60%	70°∘	80°.	90%	HUMIDITY	OBS
JAN	00-02	100.0	99.7	90.6	71-1	51.8	37.6	18.2	4.7	•5	53.1	933
	03-05	100.0	99.9	93.3	77.3	57.1	41.5	20.1	5.7	.9	55.5	930
	06-08	100.6	100.0	94.1	79.0	58.2	41.4	21.5	8.8	1.1	55.1	933
	99-11	150.0	97.4	78.1	53.3	35.9	19.7	9.4	5.7	•1	45.5	93
	12-14	100.0	84.7	53.8	29.6	16.8	8.5	4.5	1.5	• 3	35.6	930
	15 -17	105.0	82.4	51.8	28.4	15.8	9.7	5.1	1.0	• 1	35	93.
	18-23	100.0	95.8	75.3	52.3	34.6	19.5	9.4	2.5		44.7	93.
	21-23	150.0	98.5	86.9	63.6	45.7	28.9	14.2	3.9	. 4	50.0	93;
	•										ļ	
	÷	- i										
TELEVAL O												
10	TALS	120.0	94.8	78.1	56.8	39.5	25.9	12.8	4.1	.4	46.9	744

RELATIVE HUMIDITY

723865	NELLIS AFB NV	77-86	F.5.8
STATION	STATION NAME	PERIOD	
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY O	REATER THAN			MEAN RELATIVE	TOTAL
MONTH	(LST)	10%	20°¢	30%	40°.	50°∘	60°،	70°₀	80°c	90	HUMIDITY	NO OF OBS
FEB	50-02	100.0	97.6	80.5	59.0	44.8	30.1	17.1	8.3	1.7	49.5	841
	03-05	160.0	98.9	85.7	65.6	53.4	37.5	23.5	12.6	2.7	53.2	848
:	06-08	100.0	99.1	86.6	67.5	52.0	37.8	24.2	12.4	2.6	53.9	64:
	29-11	100.0	91-1	61.3	40.0	26.6	15.3	8 • 5	3.3	•7	48.4	845
	12-14	99.8	69.8	36.9	21.5	10.2	6.9	3.6	1.5	.6	70.7	£4:
	15-17	99.2	62.1	33.1	19.7	19.5	6.7	3.8	1.8	.4	29.3	846
	18-23	99.9	85.û	53.4	35.3	21.9	12.9	6.5	2.8	• 5	37.3	840
	21-23	100.0	94.6	71.7	53.1	35.3	21.3	11.5	4.4	1.1	44.7	84:
	<u> </u>				+							
	 					1		+	 	 	†	
10	TALS	99.9	87.3	63.7	44.6	31.5	21.1	12.3	5.9	1.3	42.4	576

RELATIVE HUMIDITY

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NELLIS AFB NV STATION NAME

77-86

PERIOD

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10°°	20%	30%	40%	50°∘	60°.	70%	80°-	90%	RELATIVE	NO OF OBS
MAR	39 -02	150.0	95.7	74.5	52.5	35.8	22.6	12.6	5.5	1.1	1 45.7	90.3
	03-05	103.0	98•4	80.3	61.1	41.6	26.8	15.7	6.1	1.2	48.7	93.~
	06-08	162.0	98.5	78.7	58.5	40.8	27.6	14.4	5.7	.8	47.9	935
	09-11	99.8	79.6	47.7	27.8	16.5	8.5	4.2	1.0	• 2	34.1	93.
	12-14	98.9	58.3	27.3	12.9	7.3	4.9	2.2	•5		26.5	97
	15-17	98.5	53.1	24.4	12.5	8.2	3.8	2.5	. 4		25.5	931
	18-20	99.6	71.2	41.5	25.1	15.1	8 • 2	4.9	1.3	•1	32.4	932
	21-23	99.9	89.9	60.9	40.9	27.5	14.5	8.5	3.3	•6	45.2	930
	•	· ! ·	+				-			! !	-	·
	<u> </u>	-	 	-						<u> </u>	1	
		-	· · · · · · · · · · · · · · · · · · ·									·
	TALS	99.6	AD.5	54.4	36.4	24.1	14.5	8 • 1	3.0	• 5	37.7	7439

RELATIVE HUMIDITY

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NELLIS AFB NV

77-86

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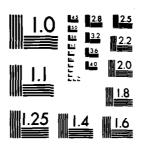
PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL
MONTH	(L.S.T.)	10%	20°.	30°∘	40%	50°c	60°-	70°.	80	90	HUMIDITY	NO OF OBS
APR	00-02	99.8	83.5	44.1	23.1	10.9	5.3	2.9	1.0	•	32.5	903
	33-05	99.9	93.0	58.2	25.9	16.3	7.4	3.5	1.3	•	₹6.2	915
	06-08	99.9	86.7	50.7	24.7	12.6	6.4	3.3	1.3	• 2	34.2	9.3
	59-11	99.6	52.1	17.1	7.3	4.5	3.6	1.8	• 1		24.1	910
	12-14	99.5	27.7	7.2	4.8	3.3	1.4	• 2			19.3	. 93
	15-17	97.3	23.0	7.0	4.3	1.7	•2	•2	!		17.c	9 3
	18-23	98.8	36.5	14.3	6.7	4 - 1	1.7	•8	•2		21.5	699
	21-23	99.4	66.9	29.4	13.1	6.0	3.6	2 • 3	• 5	·	27.6	,
	. —-—	1 4-	+		+							·
	.	ļ	 	-					i +		•	
		 	-		ļ	 		 	· 		+	•
	t -::	1	1		+						 	7199
	TALS	59.2	56.2	28.5	14.1	7.5	3.6	1.9	•6	• 1	26.7	_

AD-A175 365 MELLIS AFB NEVADO REVISED UNIFORM SUPMARY OF SURFACE UNACLASSIFIED UNCLASSIFIED UNCLASSIFIED USAFEIGO 364 F/G 4/2 ML

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RELATIVE HUMIDI1

723865 NELLIS AFB NV
STATION STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	10
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°°	HUMIDITY	: O
HAY	00-02	99.4	67.2	30.3	15.5	10.0	5.6	3.3	1.1	•5	28.9	ļ
	03-05	99.9	78.0	43.9	19.9	12.0	8.0	4.4	1.4	•6	32.4	
	06-08	99.5	69.1	33.8	16.2	8.7	4.8	2.5	1.4	•3	29.0	
	09-11	94.8	36.0	13.7	6.2	2.6	1.8	1.2	• 8	•2	21.5	
	12-14	89.5	20.0	8.5	3.1	1.9	.5	•3	•2	.1	17.2	
	15-17	87.3	14.4	5.6	3.4	2.2	.8	•1			15.8	
,	18-20	92.5	22.8	9.4	5 • 2	3.2	1.8	•3	•1	•1	18.2	
	21-23	98.0	45 - 1	18.3	9.9	4.9	3.3	1.5	.4	•1	23.4	
TO1	ALS	95.1	44.1	20.4	9.9	5.7	3.3	1.7	.7	•2	23.2	

RELATIVE HUN

723865
STATION

NELLIS AFB NV

STATION NAME

77-86

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN
нтиом	: (L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°∘	RELATIVE
אטע	00-02	98.1	32.2	6.4	1.7	•1					19.1
	03-05	99.4	54.7	12.1	3.0						22.4
	06-08	98.7	40.4	7.6	1.2						19.9
	09-11	87.2	11.4	1.6							14.7
	12-14	79.1	3.1	. 4	•3						12.4
	15-17	65.9	2.8	•3	•1						11.8
- <u>-</u> -	18-20	76.4	6.2	1.3							13.4
	21-23	89.C	13.7	3.3	1.0	• 3	•2				15.6
10	TALS	85.6	20.6	4.1	.9	• 1	•0			 	16.1

RELATIVE HUMIDI

723865	NELLIS	AFB	NV	
STATION				STATION NAME

77-86

PERIOD

JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	EATER THAN			MEAN	to
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°•	HUMIDITY	, C
JUL	00-02	95.3	44.8	24.6	13.7	8.3	5.3	3.3	1.5	•1	25.2	<u> </u>
	03-05	98.2	58.4	31.8	17.6	10.0	6.0	4.0	1.9	•2	28.4	<u> </u>
	06-08	95.3	54.0	28.8	15.2	8.2	4.1	2.6	•5	ļ	26.3	
	09-11	83.3	35.2	15.8	6.1	3.5	1.7	.5	•1		20.0	
	12-14	73.1	24.6	10.0	4.9	3.1	2.5	1.2	.6		17.3	
	15-17	68.6	20.1	8.4	4 - 5	2.7	2.0	1.2	• 3	• 1	16.1	
	18-20	76.8	24.4	12.3	5.4	3.4	2.5	1.9	.4	•1	17.9	
	21-23	87.0	33.5	18.6	9.4	5.6	3.0	2.3	1.1	• 3	21.4	-
		-	-		-						 	
						 						-
TO 1	TALS	84.7	36.9	18.8	9.6	5.6	3.4	2.1	3.	• 1	21.6	,

RELATIVE HUMIDITY

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	_	-	_	_		

NELLIS AFB NV

77-86

AUG

STATION

STATION NAME

PERIO

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY GE	REATER THAN			MEAN - RELATIVE	TOTAL NO OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80°•	90∘.	HUMIDITY	OBS
AUG	00-05	99.0	68.1	43.4	24.5	13.1	7.4	5 • 2	3.2	• 3	31.9	93
	03-05	100.0	75.6	55.3	33.3	20.2	12.6	6.6	4.3	1.0	36.6	93.
	06-08	99.8	76.5	49.5	29.4	16.9	11.3	6.0	3.4	• 9	34.9	930
	09-11	93.7	55.8	25.1	13.5	8.2	4.7	2.9	1.4	.4	25.9	93.
	12-14	83.7	36.0	14.8	8.1	4.2	2.8	1.6	1.C	. 4	20.6	930
	15-17	76.3	28.9	12.3	7.2	5.0	2.8	1.3	1.0	• 3	19.2	928
	18-20	85.3	37.6	18.4	10.6	6.3	4.6	2.0	1.2	• 3	22.0	921
	21-23	96.2	58.C	29.6	17.2	10.6	6.5	3.6	2.3	• 3	27.6	927
							 					
		-										
10	TALS	91.8	54.6	31.5	18.0	10.6	5.6	3.7	2.2	• 5	27.4	743

RELATIVE HUMIDITY

723865 NELLIS AFB NV

STATION NAME

PERIOD

SEP MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL NO OF
MONTH	(L S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°∘	HUMIDITY	OBS
SEP	00-02	99.6	84.9	46.C	23.1	12.4	7.1	3.8	2.0	•1	33.5	898
	03-05	99.6	90.9	58.7	30.7	15.4	9.7	5.0	2.6	.9	36.8	900
	06-08	99.7	88-1	55.6	28.9	14.9	8.3	4.0	1.2	• 3	35.8	930
	09-11	96.6	56.8	25.6	12.4	6.0	2.3	.9	•1		25.6	9-0
	12-14	91.1	35.8	16.2	6.7	3.3	.7	•1			20.8	900
	15-17	89.0	29.8	14.5	6.1	3.2	2 • C	•7	•2	<u></u>	19.7	900
	18-20	96.7	46.1	20.0	10.9	6.0	3.3	1.7	• 3		24.0	9 : 5
	21-23	99.4	71.3	32.4	15.4	9.1	5.4	3.1	• 0		29.4	900
	:											
τo	TALS	96.5	63.0	33.6	16.8	8.8	4.9	2.4	.9	• 2	28.2	719

RELATIVE HUMIDITY

723865

NELLIS AFB NV

76-85

CT

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
OCT	00-02	100.0	86.8	53.1	28.1	14.9	8.3	4.3	1.4	-1	35.3	932
	03-05	100.0	93.2	63.5	34.7	18.2	11.6	7.4	2.5	• 2	38.9	930
	06-08	100-0	92.6	63.3	33.3	18.2	10.6	6.5	3.1	•1	38.5	93.
	09-11	98.9	62.5	24.0	12.5	6.2	3.4	1.6	.5		26.5	930
	12-14	96.0	33.1	13.4	5.7	2.2	1.0	.4	•2		20.5	930
	15-17	94.8	30.0	12.6	5.3	2.7	.9	•5			20.0	930
	18-20	99.2	58.0	22.6	11.9	5.3	2.0	1.2	•2		25.6	930
	21-23	100.0	78.4	39.0	19.5	9.8	4.2	1.9	•3		31.2	930
	ļ					-						
10	TALS	98.6	66.8	36.4	18.9	9.7	5.3	3.0	1.0	• 1	29.6	7440

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RELATIVE HUMIDITY

723865	NELLIS AFB NV	76-85	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90∘∘	HUMIDITY	NO OF OBS
NOV	00-02	100.0	95.1	72.2	41.3	21.3	11.6	5.9	1.2	•1	40.5	900
	03-05	100.0	97.2	79.1	51.2	26.9	15.4	7.3	1.4	•2	43.3	950
	36- <u>3</u> 8	100.0	97.0	79.0	51.8	29.4	14.2	7.3	1.6	•2	43.7	930
	39-11	100.8	81.2	43.8	21.0	10.2	4.4	1.7	.4	•1	31.9	970
	12-14	99.9	55.7	22.1	9.3	4.4	2.1	.9			25.0	900
	15-17	99.8	53.9	25.3	9.7	4.3	2.6	1.1	•2		25.2	950
	18-20	100.0	79.4	44.9	21.4	9.1	5 • 2	1.8	•1		31.9	9.0
,	21-23	100.0	92.0	62.3	32.4	15.7	8.4	3.4	• 3		37.1	900
τo	TALS	100.0	81.4	53.6	29.8	15.2	8 • C	3.6	.7	•1	34.0	7200

RELATIVE HUMIDITY

723865 STATION NELLIS AFB NV

STATION NAME

76-85

DEC MONTH

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	,		PERCENTA	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°∘	HUMIDITY	OBS.
DEC	00-02	100.0	97.8	78.4	56.8	41.2	29.7	18.3	6.9	3.1	48.9	930
<u></u>	03-05	100.0	98.6	81.7	60.9	44.6	32.7	20.8	8.4	4.0	51.1	930
	06-08	100.0	98.9	85.1	63.2	47.7	35.1	22.6	9.1	4.3	52.2	930
	09-11	100.0	93.5	63.5	42.4	27.6	15.7	8.4	4.0	1.6	41.2	930
	12-14	99.7	75.1	39.4	21.3	11.7	6.3	3.9	2.0	• 5	31.6	930
	15-17	99.7	75.5	42.7	22.4	13.5	8.0	4.8	2.3	•5	32.4	93
	18-23	100.0	94.2	62.6	42.3	28.3	16.7	8.7	4.2	1.7	41.5	930
	21-23	100.0	97.1	75.5	51.9	37.0	24.7	11.4	6. 0	2.8	46.3	932
	ļ											
							 					
10	TALS	99.9	91.3	66.1	45.2	31.5	21.1	12.4	5 • 4	2 • 3	43.2	7440

USAFETAC

0-87-5 (OL A)

RELATIVE HUMIDITY

7	2	3	8	6	5	

3865 NELLIS AFB NV

STATION NAME

76-86

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN												
		10%	20%	30∘₀	40%	50%	60%	70%	80°.	90°∘	HUMIDITY	NO OF OBS			
JAN	ALL	100.0	94.8	78.1	56.8	39.5	25.9	12.9	4.1	.4	46.9	7440			
FEB	<u>.</u>	99.9	87.3	63.7	44.8	31.5	21.1	12.3	5.9	1.3	42.4	6766			
маг		99.6	80.5	54.4	36.4	24.1	14.5	8.1	3.0	•5	37.7	7439			
APR	,	99.2	58.2	28.5	14.1	7.5	3.6	1.9	•6	•1	26.7	7199			
MAY		95.1	44.1	20.4	9.9	5.7	3.3	1.7	• 7	•2	23.2	7440			
אטע		85.6	20.6	4.1	.9	.1					16.1	7200			
JUL		84.7	36.9	18.8	9.6	5.6	3.4	2.1	•8	• 1	21.5	7440			
AUS	<u> </u>	91.8	54.6	31.0	18.0	10.6	6.6	3.7	2.2	.5	27.4	7432			
SEP	·	96.5	63.0	33.6	16.8	8.8	4.9	2.4	•9	•2	28.2	7198			
oc <u>1</u>	<u></u>	98.6	66.8	36.4	18.9	9.7	5.3	3.0	1.0	•1	29.6	744			
NOV	· !	100.0	81.4	53.6	29.8	15.2	8.5	3.6	• 7	• 1	34.8	7200			
DEC	•	99.9	91.3	66.1	45.2	31.5	21+1	12.4	5.4	2 • 3	43.2	7445			
	ALS	95.9	65.0	40.7	25.1	15.8	9.8	5.3	2.1	• 5	31.5	87634			

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101 64 0-87-5 (OL A)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly symoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

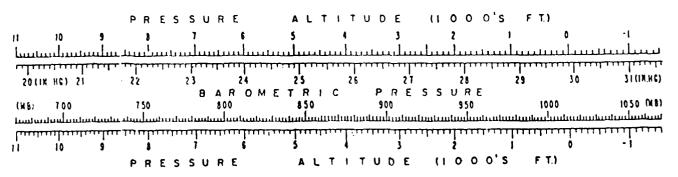
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sca-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



SLIPAL CLIMATOLOGY FRANCH USAFETAC ATS WEATHER SERVICE/MAC

723855 NELLIS AFR NV

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HO FROM HOURLY OBSERVATIONS

76-56

STATION	r	STATION NAME						YEARS							
HRS LST		JAN	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	oct	NOV.	DEC	ANNUAL	
- }	MEAN S D TOTAL OBS	23.1142 .174 .311.	.159	.162	•132	د 1 1 ه	• u 90:	.377		.395	.177	171 300.	.170	.164	
- -	MEAN S D TOTAL OBS		.154	.165	.134	.116	.391	• ⊸76	27.9142 .079 310,	. : 97	•129	.172	.171	• . : 2	
· 7	MEAN S D TOTAL OBS		.153	.169	•136	.117	. 291	• 573	27.9592 78	9 &	9	.173	•17	ີ່ 38 .21 5 •.65 ພ້ານີ້.	
• •	MEAN S D TOTAL OBS		.166	.168.	.134	• 113	91	.073	27.9612 .178 .313.	9 0	.177	. 174	.172	 ↑8.605 •255 365.	
17	MEAN S D TOTAL OBS	25.5042 .171 .311	.159		-1-1	.111	. 89	.077	27.9862 -183 -31J	• - 5 &	.174	• 455	•16°	• • 5 7	
	MEAN S D TOTAL OBS		.153	.158	·128	•11-	.088	.577	27.8472 •384 329.	. 495	.172	5	•1 ° 2	• 162	
, e	MEAN S D TOTAL OBS		.153	.157	.126	•111	.37	• DBC	27.8502 .087 .329	• -95	.124	.169	.161	•1 à 3	
72	MEAN S. D TOTAL OBS		.156	.159	.129	-113	. 18a	• 3 3 4	27.5892 .386 .359	.097	.126	18. 321 •172 -122.	.101 .162 .312	27.954 .163 Ze51	
ALL HOURS	MEAN S. D TOTAL OBS		.162	.165	.137	.119	. 397	•ე36	27.9532 .391 2477	.104	.133	25562 .173 .2413	•16°	 27.974 .156 .23233	

ILUPAL CLIMATOLOGY RRANCH USAFLTAC AIR WEATHER SERVICIMAC

MEANS AND STANDARD DEVIATIONS

LEN LIVEL FRESSURE IN MAS FROM HOURLY OUGERVATIONS

.53320c	NE 4	LIS 454	* v		76-88									
STATION								YEARS						
HRS LST		JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
•	MEAN S D TOTAL OBS		5.479	5.735	5. 13 5. 13	~	3.4.7	2.975	3.195	3.593	+.759	53		1314.4 6.145 7010
i in the second	MEAN S D TOTAL OBS		5-148	5.152	.:11.11 5:6 ::10,	4.345	3.429	2.531	3	3.653	4.557	J • : 37		1012.7
	S D	3 - 7 - 2 i 5 - 7 - 5 3 1 - 1	6.342	5.245	5.127	4.555	3.410	2.742	2.914		4.055		1270.4 6.171 21	1011
	MEAN 5 D TOTAL OBS	s •706	3.220	5.2 6	1,12.91 4.575 010.	ن د د د د	3.350	2:510.01 2:510 31	2.950			201 % 3 5.091 5.091	01.0 6.472	: '4.' 2.71
! · · · · · · · · · · · · · · · · · · ·	SD	1019.21 25.3 21.2	1.955	6.075		ا ق - 🚛 🔹 🗝	3.320	2.931	3.110	3.0€ €			1:3	1012 5.070
 .	MEAN S D TOTAL OBS		5.72.	5 • 7 ° 3	(358.9 1 4.541 2.3.	4	3.313		3.200	3.652	4.507		17.7	5.12.7 6.27.4
<u>.</u>	MEAN S D TOTAL OBS		5.0.1	5.755	00 x • 1 1 4 • 5 ° 5 3 · 7 ·	4 . 4 1. 7	3.255	3.000	3.312		4.712	4.470	1.14	1 11 • 2 5 • • · 1
	\$ D	1.19.71 5.245 381	3.55	5 • 5 5 5	4.9 7	4.3 4		3.330	3.275		4.763			1.11
Att HOURS	MEAN S D TOTAL OBS		· · · ·		5 • 1 · 4		3.675		3.428		4.800		1.15.2 c.341	" 1 12.00 6.7731 27211

USAF ETAC FORM 0.89.5 (OL A)

END DATE FILMED